

PUBLICATION LIST: KJELL UNDHEIM

357. Undheim, Kjell

Stereoselective reactions in preparation of chiral α -heteraspiro[m.n]alkanes.
Synthesis **2015**, *47*, 2497-2522.

356. Undheim, Kjell

Preparation and structure classification of heteraspiro[m.n]alkanes.
Synthesis **2014**, *46*, 1957-2006.

355. Undheim, Kjell

Hetarylzinc cross-coupling reactions.

Science of Synthesis, Cross Coupling and Heck-Type Reactions **2013**, *1*, 717-764.
 Edited by: Molander, G. A.; Wolfe, J. P.; Larhed, M.

354. Andrei, Mioara; Bakkebo, Tina; Klaveness, Jo; Tasken, Kjetil; Undheim, Kjell

Stereoselective synthesis of (RP)-8-substituted-N6-acylated and N6-alkylated adenosine-3',5'-cyclic phosphorothioic acids as cAMP antagonists.

European Journal of Medicinal Chemistry **2011**, *46*, 5935-5940.

353. Bjørnstad, Vidar; Undheim, Kjell

Cyclic ketones in spiroannulation.

Synthetic Communications **2009**, *39*, 1793-1800.

352. Heggelund, Audun; Undheim, Kjetil

Process for the preparation of voriconazole via coupling of alkylthio-substituted pyrimidines with 1-(2,4-difluorophenyl)-2-(1H-1,2,4-triazol-1-yl)ethanone.

PCT Int. Appl. **2009**, WO 2009024214 A1 20090226

351. Krikstolaityte, Sonata; Sackus, Algirdas; Romming, Christian; Undheim, Kjell

Stereoselective synthesis of 1-amino-5-butyl-3-oxocyclohexane-1-carboxylic acid derivatives.

Chemija **2009**, *20*, 124-127.

350. Heggelund, Audun; Undheim, Kjell

Synthesis of 8-fluorinated erythromycin cyclic 2',3'-carbamates.

Synthetic Communications **2009**, *39*, 1903-1913.

349. Heggelund, Audun; Undheim, Kjell

Descladinosyl erythromycin in phosgene-assisted cyclic 3,6-ether formation.

Tetrahedron Letters **2008**, *49*, 5569-5571.

348. Heggelund, Audun; Romming, Christian; Undheim, Kjell

Preparation and antibacterial activity of cyclic 2',3'-carbamate derivatives of azithromycin.

European Journal of Medicinal Chemistry **2008**, *43*, 1657-1664.

347. Dugstad, Harald; Undheim, Kjell

Preparation of 2-amino-1,3-butadienes as N-pyridine derivatives.

Synthetic Communications **2008**, *38*, 1846-1854.

346. Undheim, Kjell; Andrei, Mioara

Process for the preparation of an (Rp)-8-substituted adenosine cyclic monophosphorothioate

(cAMPS).

PCT Int. Appl. **2008**, WO 2008032103 A2 20080320

345. Bjørnstad, Vidar; Undheim, Kjell

Stereoselective syntheses of spirane bridged semi-titanocenes.

Synthesis **2008**, (6), 962-970.

344. Undheim, Kjell

The Schoellkopf chiron and transition metal mediated reactions, a powerful combination for stereoselective construction of cyclic α -quaternary- α -amino acid derivatives.

Amino Acids **2008**, 34, 357-402.

343. Andrei, Mioara; Efskind, Jon; Undheim, Kjell

A stereoselective synthesis of a spiro-bridged bis(α -amino acid) derivative based on Ru(II)-catalyzed RCM reactions.

Tetrahedron **2007**, 63, 4347-4355.

342. Gunnes, Sølvi; Undheim, Kjell

Chemoselective synthesis of erythromycin A ketolides substituted in the C10-methyl group.

Bioorganic & Medicinal Chemistry **2007**, 15, 119-129.

341. Langli, Geir; Undheim, Kjell

Preparation of a bridged verbenindenyl ligand for metallocenes.

Synthetic Communications **2007**, 37, 309-315.

340. Heggelund, Audun; Undheim, Kjell

Preparation of cyclic 2',3'-carbamate derivatives of erythromycin macrolide antibiotics.

Bioorganic & Medicinal Chemistry **2007**, 15, 3266-3277.

339. Bjørnstad, Vidar; Undheim, Kjell

Regioselective methylenation and in situ methanolation of Ketones Prone to C-C Double-Bond isomerization.

Synthesis **2007**, (2), 235-238.

338. Andrei, Mioara; Bjørnstad, Vidar; Langli, Geir; Romming, Christian; Klaveness, Jo;

Tasken, Kjetil; Undheim, Kjell

Stereoselective preparation of (RP)-8-heteroaryladenosine-3',5'-cyclic phosphorothioic acids.

Organic & Biomolecular Chemistry **2007**, 5, 2070-2080.

337. Rolandsgard, Marit; Bjørnstad, Vidar; Undheim, Kjell

Stereoselective synthesis of α -phosphorylated spiranes.

Synthesis **2007**, (18), 2803-2808.

336. Gundersen, Lise-Lotte; Rise, Frode; Undheim, Kjell; Crouch, R. David

Zirconium Tetraisopropoxide - First update

e-EROS Encyclopedia of Reagents for Organic Synthesis **2007**

335. Heggelund, Audun; Undheim, Kjell

Experiences with the use of Dess-Martin periodinane.

Kjemi **2006**, 66, 10-11.

334. Gunnes, Solvi; Romming, Christian; Undheim, Kjell

Selective substitutions in the C10-methyl group in erythromycin derivatives.

Tetrahedron **2006**, 62, 6090-6099.

333. Holm, Anders; Rise, Frode; Sessler, Nicole; Sollid, Ludvig M.; Undheim, Kjell; Fleckenstein, Burkhard
 Specific modification of peptide-bound citrulline residues.
Analytical Biochemistry **2006**, 352, 68-76.
332. Langli, Geir; Romming, Christian; Undheim, Kjell
 Spirane-bridged ansa η^5 -cyclopentadienyl- η^5 -fluorenyl-zirconocene precatalysts.
Journal of Organometallic Chemistry **2006**, 691, 3089-3097.
331. Langli, Geir; Romming, Christian; Undheim, Kjell
 Stereoselective synthesis of an ansa-zirconocene in a spirane scaffold.
Journal of Organometallic Chemistry **2006**, 691, 356-360.
330. Undheim, Kjell; Tasken, Kjetil; Klaveness, Jo; Langli, Geir; Bjørnstad, Vidar
 Process for the preparation of 8-carbyl substituted purine cyclic adenosine phosphorothioates (cAMPS) used in antiretroviral therapy as immunostimulants and antiviral agents.
PCT Int. Appl. **2005**, WO 2005123755 A2 20051229
329. Rolandsgard, Marit; Baldawi, Saad; Sirbu, Doina; Bjornstad, Vidar; Romming, Christian; Undheim, Kjell
 Stereoselective preparation of spirane bridged, sandwiched bisarenes.
Tetrahedron **2005**, 61, 4129-4140.
328. Hu, Guixian; Romming, Christian; Undheim, Kjell
 Stereoselective Synthesis of α,α' -Spirane-Bridged Dibenzyl Ligands.
Synthetic Communications **2005**, 35, 2277-2288.
327. Furenes, Eline Bredal; Luijendijk, Jaco; Efskind, Jon; Undheim, Kjell
 Synthesis of benzene-1-alanine-3-glycine as carba analogs of cystine.
Synthetic Communications **2005**, 35, 193-200.
326. Falck-Pedersen, Mette Lene; Undheim, Kjell
 Synthesis of spirane-bridged rigidified oxalkyl cyclopentadienyl ligands.
Tetrahedron **2005**, 61, 6829-6835.
325. Andrei, Mioara; Efskind, Jon; Viljugrein, Trine; Romming, Christian; Undheim, Kjell
 Chemoselective rhodium(II)-carbenoid cyclization reactions in the stereoselective construction of rigidified cyclic α -amino acid derivatives.
Tetrahedron: Asymmetry **2004**, 15, 1301-1313.
324. Undheim, Kjell; Gunnes, Sølvi
 Macrolides.
PCT Int. Appl. **2004**, WO 2004056843 A2 20040708
323. Hagelin, Gunnar; Oulie, Inger; Raknes, Ase; Undheim, Kjell; Clausen, Ole G.
 Preparative high-performance liquid chromatographic separation and analysis of the Maltaccine complex - a family of cyclic peptide antibiotics from *Bacillus subtilis*.
Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences **2004**, 811, 243-251.
322. Andrei, Mioara; Roemming, Christian; Undheim, Kjell
 Rh(II)-carbenoid insertion into chiron substrates for stereoselective amino acid construction.
Tetrahedron: Asymmetry **2004**, 15, 2711-2717.

321. Andrei, Mioara; Romming, Christian; Undheim, Kjell
 Rh(II)-catalyzed carboid cyclizations in a stereoselective approach to α -quaternary pipecolic acid derivatives.
Tetrahedron: Asymmetry **2004**, *15*, 1359-1370.
320. Andrei, Mioara; Undheim, Kjell
 Stereoselective synthesis of functionalized cycloalkene α -quaternary α -amino acid derivatives.
Tetrahedron: Asymmetry **2004**, *15*, 53-63.
319. Moller, Bjorg S.; Undheim, Kjell
 A Versatile Method for the Preparation of Enantiomeric Benzene-1,2-bis(alanine) Derivatives.
Synthetic Communications **2003**, *33*, 4209-4220.
318. Moller, Bjorg; Undheim, Kjell
 Cycloisomerizations in Pd-catalyzed spiroannulations onto chiral pyrazine derivatives.
European Journal of Organic Chemistry **2003**, *(2)*, 332-336.
317. Efskind, Jon; Undheim, Kjell
 High temperature microwave-accelerated ruthenium-catalyzed domino RCM reactions.
Tetrahedron Letters **2003**, *44*, 2837-2839.
316. Undheim, Kjell; Efskind, Jon; Hoven, Gunn Beate
 Stereocontrolled construction of conformationally constrained and rigid bis(α -amino acid) derivatives *Pure and Applied Chemistry* **2003**, *75*, 279-292.
315. Undheim, Kjell
 Heteroaromatics via palladium-catalyzed cross-coupling.
Handbook of Organopalladium Chemistry for Organic Synthesis **2002**, *1*, 409-492.
 Edited by: Negishi, Ei-ichi
314. Efskind, Jon; Hope, Hakon; Undheim, Kjell
 Homocoupling in the preparation of dimeric cyclic peptide derivatives.
European Journal of Organic Chemistry **2002**, *(3)*, 464-467.
313. Hoven, Gunn Beate; Efskind, Jon; Romming, Christian; Undheim, Kjell
 Ru(II)-Catalyzed Cascade Reactions in Stereocontrolled Construction of Rigid as-Indacene-Bridged Bis(α -amino acid) Derivatives.
Journal of Organic Chemistry **2002**, *67*, 2459-2463.
312. Krikstolaityte, Sonata; Hammer, Kristin; Romming, Christian; Undheim, Kjell
 Synthesis of cyclic constrained β -oxo-substituted α -amino acids.
Synthetic Communications **2002**, *32*, 571-580.
311. Krikstolaityte, Sonata; Sackus, Algirdas; Undheim, Kjell
 Alkylation of Schollkopf's bislactim ether chiral auxiliary with 4-bromo-1,2-butadiene.
Chemija **2001**, *12*, 76-79.
310. Gundersen, Lise-Lotte; Rise, Frode; Undheim, Kjell
 Methylzirconium Tributoxide.
e-EROS Encyclopedia of Reagents for Organic Synthesis **2001**

309. Aburel, Pompiliu S.; Romming, Christian; Undheim, Kjell
 Rhodium(II)-carbenoid C-H insertion reactions in the synthesis of α,β' -dioxospirane systems.
Journal of the Chemical Society, Perkin Transactions 1 **2001**, (9), 1024-1029.
308. Efskind, Jon; Romming, Christian; Undheim, Kjell
 Stereocontrolled construction of rigid tricyclic bis(α -amino acid) derivatives by Ru(II)-catalyzed cascade and Diels-Alder reactions.
Journal of the Chemical Society, Perkin Transactions 1 **2001**, (20), 2697-2703.
307. Krikstolaityte, Sonata; Sackus, Algirdas; Rommimg, Christian; Undheim, Kjell
 Stereoselectivity in the construction of rigidified homoserine analogues.
Tetrahedron: Asymmetry **2001**, 12, 393-398.
306. Aburel, Pompiliu S.; Romming, Christian; Ma, Kuangbiao; Undheim, Kjell
 Synthesis of α -hydroxy and α -oxospiranes through ruthenium(II)-catalyzed ring-closing metathesis.
Journal of the Chemical Society, Perkin Transactions 1 **2001**, (12), 1458-1472.
305. Ahmad, I.; Falck-Pedersen, M. L.; Undheim, Kjell
 Synthesis of silacycloalkenes and silaspirenes by Ru(II)-catalyzed ring-closing metathesis reactions.
Journal of Organometallic Chemistry **2001**, 625, 160-172.
304. Wang, Jing; Falck-Pedersen, Mette Lene; Romming, Christian; Undheim, Kjell
 The Pauson-Khand reaction in synthesis of bicyclic rigid α -amino acids
Synthetic Communications **2001**, 31, 1141-1148.
303. Gundersen, Lise-Lotte; Rise, Frode; Undheim, Kjell; Aguilar, Enrique; Garcia-Garcia, Patricia
 Titanium(IV) Chloride.
e-EROS Encyclopedia of Reagents for Organic Synthesis **2001**
302. Gundersen, Lise-Lotte; Rise, Frode; Undheim, Kjell
 Zirconium Tetraisopropoxide.
e-EROS Encyclopedia of Reagents for Organic Synthesis **2001**
301. Gundersen, Lise-Lotte; Rise, Frode; Undheim, Kjell; Le Huerou, Yvan
 Zirconium(IV) Chloride
e-EROS Encyclopedia of Reagents for Organic Synthesis **2001**
300. Aburel, Pompiliu S.; Undheim, Kjell
 Rhodium(II)-carbenoid C-H insertion reactions in the synthesis of β -oxospirane systems.
Perkin 1 **2000**, (12), 1891-1896.
299. Ahmad, Iftikhar; Falck-Pedersen, Mette Lene; Undheim, Kjell
 Ru(II)-catalyzed RCM reactions in the construction of silacycloalkenes and silaspirenes.
Proceedings of ECSOC-3 and Proceedings of ECSOC-4, Sept. 1-30, 1999 and 2000 **2000**
 Edited by: Pombo-Villar, Esteban
298. Undheim, Kjell; Efskind, Jon
 Ru(II)-Catalyzed Ring Closing Metathesis in Stereoselective Spiroannulations and Cascade Reactions of Cyclic Dipeptide Substrates.
Tetrahedron **2000**, 56, 4847-4857.

297. Hammer, Kristin; Wang, Jing; Falck-Pedersen, Mette Lene; Romming, Christian; Undheim, Kjell
 Stereoselectivity in the synthesis of conformationally constrained vicinally dihydroxylated cyclic α -amino acids.
Perkin I **2000**, (11), 1691-1695.
296. Hiebl, J.; Alberts, D. P.; Banyard, A. F.; Baresch, K.; Baumgartner, H.; Bernwieser, I.; Bhatnagar, P. K.; Blanka, M.; Bodenteich, M.; Chen, T. et al
 Large-scale synthesis of hematoregulatory nonapeptide SK&F 107647 by fragment coupling
Journal of Peptide Research **1999**, 54, 54-65.
295. Sirbu, Doina; Falck-Pedersen, Mette Lene; Romming, Christian; Undheim, Kjell
 Palladium mediated substitutions and rearrangements in spiro[4.4]nonanes.
Tetrahedron **1999**, 55, 6703-6712.
294. Falck-Pedersen, Mette Lene; Romming, Christian; Undheim, Kjell
 Palladium-mediated carbosubstitutions in spiranes.
Tetrahedron **1999**, 55, 8525-8538.
293. Efskind, Jon; Romming, Christian; Undheim, Kjell
 Ru(II)-Catalysis in preparation of sterically congested and stereochemically homogeneous heterospiranes.
Journal of the Chemical Society, Perkin Transactions 1: Organic and Bio-Organic Chemistry **1999**, (12), 1677-1684.
292. Sandnes, Rolf Wiggo; Gacek, Michel; Undheim, Kjell
 A simple synthesis of the macrocycle 1,4,7,10-tetraazacyclododecane.
Acta Chemica Scandinavica **1998**, 52, 1402-1404.
291. Moller, Bjorg; Undheim, Kjell
 Cyclic α -amino acids by Pd-mediated cycloisomerization and coupling reactions.
Tetrahedron **1998**, 54, 5789-5804.
290. Tilset, Mats; Undheim, Kjell
 Homogeneous catalysis. 4. Polymerization of ethene and propene catalyzed by organometallic compounds.
Kjemi **1998**, 58, 22-27.
289. Hammer, Kristin; Undheim, Kjell
 Hydroxymethylated cyclic α -amino acid dipeptides by ruthenium ring closing metathesis.
Tetrahedron: Asymmetry **1998**, 9, 2359-2368.
288. Undheim, Kjell; Hammer, Kristin
 Preparation of amino acid analogs.
PCT Int. Appl. **1998**, WO 9830535 A1 19980716
287. Krikstolaityte, Sonata; Hammer, Kristin; Undheim, Kjell
 Ru(II)-catalyzed RCM reactions with electrophilic diene substrates.
Tetrahedron Letters **1998**, 39, 7595-7598.
286. Hammer, Kristin; Romming, Christian; Undheim, Kjell
 Ru(II)-catalyzed ring closing metathesis in stereoselective syntheses of constrained

homoserine analogs.

Tetrahedron **1998**, 54, 10837-10850.

285. Li, Zhi; Undheim, Kjell

Selective mono- and 1,4-di-N-alkylations of 1,4,7,10-tetraazacyclododecane.

Acta Chemica Scandinavica **1998**, 52, 1247-1253.

284. Undheim, Kjell

Stereoselective routes towards the synthesis of unusual bis(amino acids) and cyclic amino acids.

Letters in Peptide Science **1998**, 5, 227-233.

283. Lange, Meinolf; Undheim, Kjell

Stereoselective synthesis of α,α' -bridged bis(α -alanine) derivatives.

Tetrahedron **1998**, 54, 5337-5344.

282. Falck-Pedersen, Mette Lene; Undheim, Kjell

Synthesis of heterocyclic dipeptide analogs.

Acta Chemica Scandinavica **1998**, 52, 1327-1332.

281. Kremminger, Peter; Undheim, Kjell

Synthesis of orthogonally protected hydroxylated azalkene- α,α' -bridged bis(α -glycine) and dihydroxylysine derivatives.

Tetrahedron: Asymmetry **1998**, 9, 1183-1189.

280. Hatlelid, Jostein; Benneche, Tore; Undheim, Kjell

Synthesis of prodrugs as bridged nucleosides.

Acta Chemica Scandinavica **1998**, 52, 1270-1274.

279. Lange, Meinolf; Pettersen, Anne Lise; Undheim, Kjell

Synthesis of secondary amines by reductive dimerization of azides.

Tetrahedron **1998**, 54, 5745-5752.

278. Aburel, Pompiliu S.; Undheim, Kjell

Synthesis of spirosystems by rhodium(II)-carbenoid C-H insertion reactions.

Tetrahedron Letters **1998**, 39, 3813-3814.

277. Kremminger, Peter; Undheim, Kjell

Asymmetric synthesis of unsaturated and bis-hydroxylated (S,S)-2,7-diaminosuberic acid derivatives.

Tetrahedron **1997**, 53, 6925-6936.

276. Hammer, Kristin; Undheim, Kjell

Ruthenium(II) in ring closing metathesis for the stereoselective preparation of cyclic 1-amino-1-carboxylic acids.

Tetrahedron **1997**, 53, 2309-2322.

275. Hammer, Kristin; Undheim, Kjell

Ruthenium-catalyzed enyne metathesis in stereoselective preparation of cyclic 1-amino-1-carboxylic acids.

Tetrahedron **1997**, 53, 10603-10614.

274. Efskind, Jon; Benneche, Tore; Undheim, Kjell

Stereoselective synthesis of alkenyl α,α' -bridged bis(glycines) using palladium promoted

substitution in the bridge.

Acta Chemica Scandinavica **1997**, *51*, 942-952.

273. Rodbotten, Synne; Benneche, Tore; Undheim, Kjell

Stereoselective synthesis of alkynylglycines and α,α' -alkynyl-bridged bis(glycines)

Acta Chemica Scandinavica **1997**, *51*, 873-880.

272. Neset, Siren; Hope, Hakon; Undheim, Kjell

Stereoselective synthesis of cyclopropane-1,2-bis(glycine) derivatives.

Tetrahedron **1997**, *53*, 10459-10470.

271. Hammer, Kristin; Benneche, Tore; Hope, Hakon; Undheim, Kjell

Stereoselective synthesis of thiophenedimethyl- and benzenedimethyl- α,α' -bridged bis(glycines).

Acta Chemica Scandinavica **1997**, *51* (3, Suppl.), 392-402.

270. Hammer, Kristin; Undheim, Kjell

Synthesis of conformationally restricted serine derivatives through ruthenium(II)-catalyzed ring closing metathesis.

Tetrahedron **1997**, *53*, 5925-5936.

269. Hatlelid, Jostein; Benneche, Tore; Undheim, Kjell

Tin-Pummerer rearrangement in the synthesis of O,S-acetal derivatives.

Acta Chemica Scandinavica **1997**, *51*, 1092-1095.

268. Lu, Qingbo; Mangalagiu, Ionel; Benneche, Tore; Undheim, Kjell

Trialkylalanes in palladium-catalyzed C-alkylations of azines.

Acta Chemica Scandinavica **1997**, *51*, 302-306.

267. Falck-Pedersen, Mette Lene; Undheim, Kjell

Asymmetric synthesis of phenylbis(glycines).

Tetrahedron **1996**, *52*, 7761-7770.

266. Hatlelid, Jostein; Benneche, Tore; Undheim, Kjell

Cleavage of carbon-sulfur bonds in the synthesis of α -haloalkyl carbonates.

Acta Chemica Scandinavica **1996**, *50*, 1041-1044.

265. Mangalagiu, Ionel; Benneche, Tore; Undheim, Kjell

Ethenylation and alkynylation in palladium-catalyzed carbosubstitution in heteroazines.

Acta Chemica Scandinavica **1996**, *50*, 914-917.

264. Hammer, Kristin; Hatlelid, Jostein; Groetli, Morten; Arukwe, Joseph; Klaveness, Jo;

Rise, Frode; Undheim, Kjell

Ether, carbonate and urethane deoxynucleoside derivatives as prodrugs.

Acta Chemica Scandinavica **1996**, *50*, 609-622.

263. Moeller, Bjoerg S.; Benneche, Tore; Undheim, Kjell

Palladium catalysis in bridge-forming reactions between stereoselectively substituted glycine auxiliaries.

Tetrahedron **1996**, *52*, 8807-8812.

262. Sandnes, Rolf Wiggo; Vasilevskis, Janis; Undheim, Kjell; Gacek, Michel

Process for preparation of tetraazacycloalkanes via a cyclization/ring cleavage sequence

beginning with linear tetraazaalkanes.

PCT Int. Appl. 1996, WO 9628432 A1 19960919

261. Undheim, Kjell; Benneche, Tore
Pyrimidines and their benzo derivatives.

Comprehensive Heterocyclic Chemistry II 1996, 6, 93-231, 1177-1307.

Edited by: Boulton, A. J.

260. Mangalagiu, Ionel; Benneche, Tore; Undheim, Kjell
Trialkylalanes in palladium-catalyzed chemo- and regioselective alkylations.
Tetrahedron Letters 1996, 37, 1309-12.

259. Undheim, Kjell; Benneche, Tore
Organometallics in coupling reactions in π -deficient azaheterocycles.
Advances in Heterocyclic Chemistry 1995, 62, 305-418.

258. Undheim, Kjell; Lange, Meinolf; Sandosham, Jessie
Preparation of double-chain peptides as stimulators of cell proliferation, especially in myelopoietic and bone marrow cells.

PCT Int. Appl. 1995, WO 9515336 A1 19950608

257. Agner, Erik; Cuthbertson, Alan; Fischer, Peter; Bhatnagar, Pradip; Husbyn, Mette;
Undheim, Kjell
Preparation of hemoregulatory penta- or hexapeptides.
PCT Int. Appl. 1995, WO 9501990 A1 19950119

256. Booth, Susan E.; Benneche, Tore; Undheim, Kjell
Samarium diiodide mediated alkylation of saturated heterocycles alpha to nitrogen.
Tetrahedron 1995, 51, 3665-74.

255. Groethuusen, Morten; Undheim, Kjell
Synthesis of 2'-allyl-2'-deoxyribonucleosides by radical reactions.
Acta Chemica Scandinavica 1995, 49, 217-24.

254. Undheim, Kjell; Williams, Lorenzo
 α -Alkylation of amines via a 1,5-hydrogen shift.
Journal of the Chemical Society, Chemical Communications 1994, (7), 883-4.

253. Williams, Lorenzo; Booth, Susan E.; Undheim, Kjell
An approach to α -substituted amines.
Tetrahedron 1994, 50, 13697-708.

252. Sondosham, Jessie; Undheim, Kjell
Silyl ethers of stannylated hydroxymethylfurans and bromopyrimidinones in palladium-mediated coupling reactions.
Acta Chemica Scandinavica 1994, 48, 279-82.

251. Fischer, Peter M.; Solbakken, Magne; Undheim, Kjell
Solution synthesis of a dimeric pentapeptide: diketopiperazine cyclization of Glu-Asp dipeptide esters and Asp-racemization during segment condensation.
Tetrahedron 1994, 50, 2277-88.

250. Sandosham, Jessie; Undheim, Kjell
Stannylation in the electrophilic 2- and 4/6-pyrimidine position and the use of

stannylypyrimidines in coupling and tin-lithium exchange reactions.
Tetrahedron **1994**, 50, 275-84.

249. Sandosham, Jessie; Undheim, Kjell
 Synthesis of pyrimidinyl triflates and palladium-catalyzed coupling with organotin and organozinc reagents.
Heterocycles **1994**, 37, 501-14.

248. Undheim, Kjell; Benneche, Tore
 Metalation and metal-assisted bond formation in π -electron deficient heterocycles.
Acta Chemica Scandinavica **1993**, 47, 102-21.

247. Falck-Pedersen, Mette Lene; Benneche, Tore; Undheim, Kjell
 Palladium catalysis in allylic rearrangements of propenyl 2-pyrimidinyl carbonates to 1-propenyl-2(1H)-pyrimidinones.
Acta Chemica Scandinavica **1993**, 47, 63-7.

246. Jevnaker, Nina; Benneche, Tore; Undheim, Kjell
 Palladium-catalyzed coupling of (η 6-chlorobenzene)(η 5-cyclopentadienyl)iron(II) hexafluorophosphate with organostannanes.
Acta Chemica Scandinavica **1993**, 47, 406-9.

245. Falck-Pedersen, Mette Lene; Benneche, Tore; Undheim, Kjell
 Palladium-catalyzed rearrangements of 2-cyclopentyloxyypyrimidines in the preparation of pyrimidine carbocyclic nucleosides.
Acta Chemica Scandinavica **1993**, 47, 72-9.

244. Gaare, Kristin; Repstad, Terje; Benneche, Tore; Undheim, Kjell
 Preparation of 5-(pyrrolylcarbonyl)- and 5-(imidazolylcarbonyl)pyrimidines.
Acta Chemica Scandinavica **1993**, 47, 57-62.

243. Undheim, Kjell; Kremminger, Peter
 Preparation of double chain peptide compounds having hemoregulatory activity.
PCT Int. Appl. **1993**, WO 9324523 A1 19931209

242. Undheim, Kjell; Solbakken, Magne
 Preparation of double chain peptide compounds having hemoregulatory activity.
PCT Int. Appl. **1993**, WO 9324522 A1 19931209

241. Undheim, Kjell
 Preparation of single chain peptide compounds having hemoregulatory activity.
PCT Int. Appl. **1993**, WO 9324524 A1 19931209

240. Benneche, T.; Strande, P.; Oftebro, R.; Undheim, K.
 Pyrimidinones as reversible metaphase arresting agents.
European Journal of Medicinal Chemistry **1993**, 28, 463-72.

239. Sandosham, Jessie; Undheim, Kjell; Rise, Frode
 Regioselective substitution in triflyloxyypyrimidines and chloropyrimidines using zinc and tin reagents.
Heterocycles **1993**, 35, 235-44.

238. Neson, Siren Marcussen; Benneche, Tore; Undheim, Kjell
 Synthesis of cyclic hydroxamic acids by oxidation of secondary amines with

dimethyldioxirane.

Acta Chemica Scandinavica **1993**, *47*, 1141-3.

237. Gundersen, Lise Lotte; Rise, Frode; Undheim, Kjell
Aryl- and alkynyltrisopropoxytitanium reagents in regioselective carbon-carbon bond formation in azines.
Tetrahedron **1992**, *48*, 5647-56.

236. Antonsen, Oeyvind; Benneche, Tore; Gundersen, Lise Lotte; Undheim, Kjell
Cross aldol products from α -haloalkoxysilanes and silyl enol ethers.
Acta Chemica Scandinavica **1992**, *46*, 172-7.

235. Gundersen, Lise Lotte; Benneche, Tore; Undheim, Kjell
Palladium(0)-catalyzed allylic alkylation in the synthesis of (\pm)-carbovir.
Tetrahedron Letters **1992**, *33*, 1085-8.

234. Keilen, Gunnar; Benneche, Tore; Gaare, Kristin; Undheim, Kjell
Peroxymolybdenum complexes in sulfide to sulfone oxidations.
Acta Chemica Scandinavica **1992**, *46*, 867-71.

233. Antonsen, Oeyvind; Benneche, Tore; Undheim, Kjell
Preparation of monosilyl ethers of vicinal diols.
Acta Chemica Scandinavica **1992**, *46*, 757-60.

232. Gundersen, Lise Lotte; Benneche, Tore; Rise, Frode; Gogoll, Adolf; Undheim, Kjell
Regiochemistry and stereochemistry in palladium(0)-catalyzed allylic alkylation of nucleoside bases.
Acta Chemica Scandinavica **1992**, *46*, 761-71.

231. Falck-Pedersen, Mette Lene; Benneche, Tore; Undheim, Kjell
Regioselective control in palladium(0)-catalyzed allylations of 3-stannylallyl alcohol derivatives.
Acta Chemica Scandinavica **1992**, *46*, 1215-18.

230. Moeller, Bjoerg Siw; Falck-Pedersen, Mette Lene; Benneche, Tore; Undheim, Kjell
Regioselectivity in the alkylation of ambident 2-pyrimidinone anions.
Acta Chemica Scandinavica **1992**, *46*, 1219-22.

229. Hagelin, Gunnar; Laland, Soeren G.; Undheim, Kjell
Synthesis of pyrimidine derivatives of amino acids using pig liver esterase and pancreas lipase.
Acta Chemica Scandinavica **1992**, *46*, 1204-7.

228. Arukwe, Joseph; Undheim, Kjell
Palladium catalysis in the synthesis of hydroxymethylfuryl pyrimidinyl ketones.
Acta Chemica Scandinavica **1991**, *45*, 914-18.

227. Klaveness, Jo; Undheim, Kjell; Rise, Frode; Hatlelid, Jostein; Holmes, Michael John
Preparation of (acyloxymethyl)dideoxy nucleosides as antivirals.
PCT Int. Appl. **1991**, WO 9106554 A1 19910516

226. Klaveness, Jo; Undheim, Kjell
Preparation of C-nucleosides as antiviral agents.
PCT Int. Appl. **1991**, WO 9115488 A1 19911017

225. Klaveness, Jo; Undheim, Kjell
 Preparation of nucleoside derivatives as virucides.
PCT Int. Appl. **1991**, WO 9115498 A2 19911017
224. Benneche, Tore; Keilen, Gunnar; Hagelin, Gunnar; Oftebro, Reidar; Undheim, Kjell
 Syntheses and studies of metaphase-arresting pyrimidinones.
Acta Chemica Scandinavica **1991**, 45, 177-85.
223. Benneche, Tore; Keilen, Gunnar; Solberg, Jan; Oftebro, Reidar; Undheim, Kjell
 Synthesis and studies of alkynyl pyrimidinones as metaphase inhibitors.
Acta Chemica Scandinavica **1991**, 45, 731-5.
222. Undheim, Kjell; Benneche, Tore
 Metalation and metal-assisted bond formation in Π -electron deficient heterocycles.
Heterocycles **1990**, 30(2, Spec. Issue), 1155-93.
221. Wang, Liv Ragna Rohde; Benneche, Tore; Undheim, Kjell
 Organometallics in carbon-carbon bond formation in 1,2,6-thiadiazine 1,1-dioxides.
Acta Chemica Scandinavica **1990**, 44, 726-32.
220. Klaveness, Jo; Rise, Frode; Undheim, Kjell
 Preparation of 2',3'-dideoxy- and 2',3'-dideoxy-3'-azido nucleosides as virucides against human immunodeficiency virus (HIV).
Eur. Pat. Appl. **1990**, EP 366171 A1 19900502
219. Klaveness, Jo; Rise, Frode; Undheim, Kjell; Hatlelid, Jostein
 Preparation of 2',3'-dideoxy- or 3'-azido-2',3'-dideoxynucleosides for the treatment of human immunodeficiency virus (HIV) infection.
Eur. Pat. Appl. **1990**, EP 362967 A1 19900411
218. Solberg, Jan; Benneche, Tore; Undheim, Kjell
 2-(2,2,2-Trifluoroethylidene)-1,3-dithianes. New intermediates for the preparation of trifluoromethyl-containing compounds.
Acta Chemica Scandinavica **1989**, 43, 69-73.
217. Gundersen, Lise Lotte; Benneche, Tore; Undheim, Kjell
 Chloromethoxysilanes as protecting reagents for sterically hindered alcohols.
Acta Chemica Scandinavica **1989**, 43, 706-9.
216. Zheng, Jianhua; Undheim, Kjell
 Organocerium(III) reagent from pyrimidine in carbon bond-forming reactions
Acta Chemica Scandinavica **1989**, 43, 816-18.
215. Falck-Pedersen, Mette Lene; Benneche, Tore; Undheim, Kjell
 Palladium catalysis in allylic alkylations and rearrangements in pyrimidines.
Acta Chemica Scandinavica **1989**, 43, 251-8.
214. Solberg, Jan; Undheim, Kjell
 Regiochemistry in palladium-catalyzed organotin reactions with halopyrimidines.
Acta Chemica Scandinavica **1989**, 43, 62-8.
213. Rise, Frode; Undheim, Kjell
 Sodium 2-mercaptopropanesulfonate in reversible adduct formation and water solubilization.
Acta Chemica Scandinavica **1989**, 43, 489-92.

212. Majeed, Amera J.; Antonsen, Oeyvind; Benneche, Tore; Undheim, Kjell
 Stannylation reactions and cross-couplings in pyrimidines.
Tetrahedron **1989**, *45*, 993-1006.
211. Sandosham, Jessie; Undheim, Kjell
 Stannylation reactions and palladium catalysis in the syntheses of unsymmetrical biheteroaryls.
Acta Chemica Scandinavica **1989**, *43*, 684-9.
210. Arukwe, Joseph; Benneche, Tore; Undheim, Kjell
 Synthesis of 5-stannylpyrimidines and their use in palladium-catalyzed ketone formation.
Journal of the Chemical Society, Perkin Transactions 1: Organic and Bio-Organic Chemistry (1972-1999) **1989**, (2), 255-9.
209. Antonsen, Oeyvind; Benneche, Tore; Hagelin, Gunnar; Undheim, Kjell
 Synthesis of unsaturated chloromethyl ethers.
Acta Chemica Scandinavica **1989**, *43*, 56-61.
208. Benneche, Tore; Gundersen, Lise Lotte; Undheim, Kjell
 (tert-Butyldimethylsilyloxy)methyl chloride: synthesis and use as N-protecting group in pyrimidinones.
Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1988**, *B42(6)*, 384-9.
207. Dornish, J. M.; Undheim, K.; Pettersen, E. O.; Oftebro, R.; Laland, S. G.
 Combination effects of cis-dichlorodiammineplatinum with selected metahalones, pyrimidine sulfoxides and pyrimidine sulfones on human NHIK 3025 cells in vitro.
Anti-Cancer Drug Design **1988**, *3*, 191-8.
206. Keilen, Gunnar; Undheim, Kjell
 Covalent adduct formation in 1,2,4-thiadiazolo activated pyrimidinones.
Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1988**, *B42(6)*, 362-6.
205. Rise, Frode; Grace, David; Undheim, Kjell
 Ethynyltriisopropoxytitanium reactions with pyrimidinones.
Journal of Organometallic Chemistry **1988**, *338*, 341-6.
204. Arukwe, Joseph; Keilen, Gunnar; Undheim, Kjell
 Lithiation and thiylation of 5-bromopyrimidines.
Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1988**, *B42(8)*, 530-6.
203. Klaveness, Jo; Rise, Frode; Undheim, Kjell
 Preparation of acylated 2',3'-dideoxynucleosides as virucides for use against neurotropic viruses.
PCT Int. Appl. **1988**, WO 8807532 A1 19881006
202. Sandosham, Jessie; Benneche, Tore; Moeller, Bjoerg Siw; Undheim, Kjell
 Syntheses of 5-alkenylpyrimidines by organotin reactions.
Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1988**, *B42(7)*, 455-61.

201. Antonsen, Oeyvind; Benneche, Tore; Undheim, Kjell
 Syntheses of sulfinylmethyl ethers and conversion of these into halomethyl and acyloxymethyl ethers.
Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1988**, *B42*(8), 515-23.
200. Keilen, Gunnar; Benneche, Tore; Undheim, Kjell
 2-Stannyloxyprimidines in regioselective alkylation reactions.
Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1987**, *B41*(8), 577-80.
199. Holm Nygaard, Mina E.; Pettersen, Erik O.; Dornish, John M.; Undheim, Kjell; Oftebro, Reidar
 Inactivation of human cells cultivated in vitro by the new mitotic inhibitors NY 4137 and NY 4138.
Investigational New Drugs **1987**, *5*, 259-66.
198. Solberg, Jan; Undheim, Kjell
 Palladium-catalyzed coupling of organotin reagents and alkenes with 4-iodopyrimidines.
Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1987**, *B41*(10), 712-16.
197. Christiansen, Mette Lene; Benneche, Tore; Undheim, Kjell
 Silyl derivatives in the synthesis of trans- β -trimethylsilyl- α,β -unsaturated ketones.
Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1987**, *B41*(7), 536-40.
196. Benneche, Tore; Strande, Per; Undheim, Kjell
 Sulfonic and phosphonic acids formed by bisulfite and phosphite adduct formation with pyrimidinones.
Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1987**, *B41*(6), 448-54.
195. Benneche, Tore; Christiansen, Mette L.; Undheim, Kjell
 (Trimethylsilyl)methyl ketones in the synthesis of bromomethyl and chloromethyl ketones.
Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1986**, *B40*(8), 700-2.
194. Holm Nygaard, Mina E.; Dornish, John M.; Oftebro, Reidar; Undheim, Kjell
 Effects of the new mitotic inhibitor pyrimidinsulfone NY 4137 on human cells in vitro and on colchicine binding to tubulin.
Investigational New Drugs **1986**, *4*, 221-9.
193. Szaniawska, Bozena; Bjerkvig, Rolf; Laerum, Ole Didrik; Undheim, Kjell
 Growth arrest and polyplloidization induced by metahalone microtubule inhibitors on rat glioma cells in culture.
Anticancer Research **1986**, *6*, 71-7.
192. Arukwe, Joseph; Undheim, Kjell
 Lithiation in the synthesis of 5-pyrimidinyl ketones.
Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1986**, *B40*(7), 588-92.

191. Arukwe, Joseph; Undheim, Kjell
 Organomanganese(II) reagents in the synthesis of 5-pyrimidinyl ketones.
Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1986**, B40(9), 764-7.
190. Klaveness, Jo; Rise, Frode; Undheim, Kjell
 Organotin derivatives in the umpolung of 1,3-dithian-2-ylides to 1,3-dithian-2-ylum salts.
Journal of Organometallic Chemistry **1986**, 303, 189-95.
189. Solberg, Jan; Undheim, Kjell
 Palladium catalysis in the preparation of alkynylpyrimidines.
Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1986**, B40(5), 381-6.
188. Phillipps, Gordon Hanley; Undheim, Kjell; Williamson, Christopher; Steeples, Ian Philip; Bain, Brian MacDonald; Borella, Raymond Andrew
 Pyrimidinone derivatives.
PCT Int. Appl. **1986**, WO 8601205 A1 19860227
187. Klaveness, Jo; Rise, Frode; Undheim, Kjell
 Reactions of 1,3-dithiolan-2-ylum and 1,3-dithian-2-ylum tetrafluoroborates and ambident 2-styryl derivatives.
Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1986**, B40(5), 373-80.
186. Klaveness, Jo; Rise, Frode; Undheim, Kjell
 Synthesis of 1,3-dithiolan-2-ylum and 1,3-dithian-2-ylum tetrafluoroborate salts.
Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1986**, B40(5), 398-9.
185. Hoeseggen, Tom; Rise, Frode; Undheim, Kjell
 Tetraisopropoxyzirconium and triisopropoxyaluminum in regioselective reduction of pyrimidinones.
Journal of the Chemical Society, Perkin Transactions 1: Organic and Bio-Organic Chemistry (1972-1999) **1986**, (5), 849-50.
184. Strande, Per; Benneche, Tore; Undheim, Kjell
 α -Halo sulfides in the alkylation of 2-pyrimidinones.
Journal of Heterocyclic Chemistry **1985**, 22, 1077-80.
183. Rasmussen, Asbjoern; Rise, Frode; Undheim, Kjell
 1,2,4-Triazin-3(2H)-ones in covalent adduct formations.
Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1985**, B39(4), 235-40.
182. Gacek, Michel; Undheim, Kjell
 Chemoselectivity and regioselectivity in reactions of pyrimidines.
Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1985**, B39(8), 691-6.
181. Undheim, Kjell; Benneche, Tore
 Pyrimidinone derivatives.
Eur. Pat. Appl. **1985**, EP 160573 A2 19851106

180. Rise, Frode; Undheim, Kjell
 Regioselectivity in reactions of alkynylmetal complexes with pyrimidinones.
Journal of Organometallic Chemistry **1985**, 291, 139-44.
179. Rise, Frode; Undheim, Kjell
 Regioselectivity in the reactions of aryltriisopropoxytitanium with pyrimidinones.
Journal of the Chemical Society, Perkin Transactions 1: Organic and Bio-Organic Chemistry (1972-1999) **1985**, (9), 1997-9.
178. Rise, Frode; Undheim, Kjell
 Regioselectivity in the reductive formation of dihydro-5-halo-2(1H)-pyrimidinones.
Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1985**, B39(3), 195-201.
177. Rise, Frode; Roemming, Christian; Undheim, Kjell
 Structure investigations on products from the reaction of organocopper, organolithium and organomagnesium reagents with 2(1H)-pyrimidinones.
Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1985**, B39(6), 459-68.
176. Johansen, Oeyvind H.; Groth, Per; Undheim, Kjell
 Formation and structural studies of bisepithiocyclodenes from 2-benzothiopyrylium-4-olates.
Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1984**, B38(7), 617-22.
175. Pedersen, Ansgar Heim; Undheim, Kjell
 N-Quaternary compounds. Part LIX. Facile synthesis of 3-vinyl-4(3H)-pyrimidinethiones.
Journal of Heterocyclic Chemistry **1984**, 21, 1149-51.
174. Johnsen, Bjoern A.; Undheim, Kjell
 N-Quaternary compounds. Part LVI. 3-Hydroxyquinoline-2(1H)-thiones and their N-vinylation.
Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1984**, B38(2), 109-12.
173. Johnsen, Bjoern A.; Undheim, Kjell
 N-Quaternary compounds. Part LVII. Formation of N-vinyl dipyridyl sulfides via ring opening reactions.
Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1984**, B38(4), 293-5.
172. Pedersen, Ansgar Heim; Undheim, Kjell
 N-Quaternary compounds. Part LVIII. Substitution reactions in the 2,3-dihydrothiazolo[3,2-c]pyrimidinium-8-olate ring system.
Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1984**, B38(4), 341-2.
171. Benneche, Tore; Undheim, Kjell
 Substituted pyrimidines.
Brit. UK Pat. Appl. **1984**, GB 2135992 A 19840912

170. Benneche, Tore; Undheim, Kjell
Synthesis of some 5-trifluoromethylpyrimidines.
Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1984**, B38(6), 505-8.
169. Benneche, Tore; Undheim, Kjell
 α -Haloalkyl ethers in alkylations of 2-pyrimidinones.
Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1983**, B37(4), 345-9.
168. Klaveness, Jo; Undheim, Kjell
1,3-Dithiolan-2-ylium and 1,3-dithian-2-ylium tetrafluoroborates from carboxylic acids.
Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1983**, B37(8), 687-91.
167. Benneche, Tore; Strande, Per; Undheim, Kjell
A new synthesis of chloromethyl benzyl ethers.
Synthesis **1983**, (9), 762-3.
166. Rise, Frode; Ongstad, Leif; Gacek, Michel; Undheim, Kjell
Introduction of carbon substituents into pyrimidines by Grignard reagents.
Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1983**, B37(7), 613-15.
165. Pedersen, Ansgar Heim; Undheim, Kjell
N-Quaternary compounds. Part LV. Synthetic studies of the 2,3-dihydrothiazolo[3,2-c]pyrimidinium-8-olate system.
Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1983**, B37(10), 947-51.
164. Elmoghayar, Mohamed R. H.; Groth, Per; Undheim, Kjell
Nickel-catalyzed addition or coupling reactions of Grignard reagents with halopyrimidines.
Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1983**, B37(2), 109-14.
163. Elmoghayar, Mohamed R. H.; Undheim, Kjell
Nickel-complex catalysis in the reaction between Grignard reagents and substituted pyrimidines.
Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1983**, B37(2), 160-2.
162. Johnsen, Bjorn A.; Undheim, Kjell
Oxazoles in Diels-Alder reactions. Transformation of the adducts to either pyridines or pyrroles.
Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1983**, B37(2), 127-32.
161. Johnsen, Bjoern A.; Undheim, Kjell
Oxazoles in Diels-Alder reactions. Novel transformation of the adducts to 6-substituted pyridines.
Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1983**, B37(10), 907-10.

160. Klaveness, Jo; Undheim, Kjell
 Reactions of 1,3-dithian-2-ylum tetrafluoroborate with organocopper, organolithium and organomagnesium derivatives. A simple synthesis of 2-substituted 1,3-dithianes.
Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1983**, B37(3), 258-60.
159. Benneche, Tore; Strande, Per; Undheim, Kjell
 Substituted pyrimidin-2-ones and their salts.
Eur. Pat. Appl. **1983**, EP 87326 A1 19830831
158. Benneche, Tore; Gacek, Mikkel Josef; Undheim, Kjell
 Substituted pyrimidin-2-ones, salts thereof and pharmaceutical compositions containing them.
Eur. Pat. Appl. **1983**, EP 74820 A1 19830323
157. Benneche, Tore; Undheim, Kjell
 Syntheses and reactions of some 5-vinyl- and 5-ethynylpyrimidines.
Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1983**, B37(3), 235-9.
156. Benneche, Tore; Undheim, Kjell
 Synthesis and isomerization studies of 2-alkenylthiopyrimidines and 2-alkynylthiopyrimidines and their S-oxides.
Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1983**, B37(2), 115-19.
155. Benneche, Tore; Undheim, Kjell
 Synthesis of α -haloalkyl aryl ethers from O,S-acetals.
Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1983**, B37(2), 93-6.
154. Gacek, Michel; Undheim, Kjell
 Alkylated 2- and 4-thiouracils. Syntheses and HPLC separations.
Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1982**, B36(1), 15-18.
153. Benneche, Tore; Undheim, Kjell
 Enols of 1,1-diformylacetone in the synthesis of 5-acylpyrimidines.
Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1982**, B36(8), 529-31.
152. Pedersen, Ansgar Heim; Undheim, Kjell
 Oxidation with concurrent solvolysis of 4-alkylthiopyrimidines.
Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1982**, B36(6), 415-16.
151. Benneche, Tore; Undheim, Kjell
 Selective oxidations and syntheses of α -halomethylthiopyrimidines.
Chemica Scripta **1982**, 20, 11-13.
150. Benneche, Tore; Undheim, Kjell
 Substituted pyrimidin-2-ones and their salts.
Eur. Pat. Appl. **1982**, EP 56319 A2 19820721

149. Benneche, Tore; Undheim, Kjell
 Synthesis of (chloromethoxy)benzenes by catalytic decarbonylation of phenoxyacetyl chlorides with chlorotris(triphenylphosphine)rhodium(I).
Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1982**, *B36*(6), 409-10.
148. Gacek, Mikkel Josef; Undheim, Kjell
 5-Halo-pyrimidin-2-ones, their salts and pharmaceutical compositions containing them.
Eur. Pat. Appl. **1981**, EP 32131 A1 19810715
147. Skinnemoen, Kari; Undheim, Kjell
 Carbenoid rearrangements of a cycloadduct from phenyl azide.
Heterocycles **1981**, *16*, 929-34.
146. Benneche, Tore; Gacek, Mikkel Josef; Undheim, Kjell
 Pyrimidine-2-sulfides and their S-oxides for use in medicine and pharmaceutical compositions containing them.
Eur. Pat. Appl. **1981**, EP 33195 A1 19810805
145. Gacek, Michel; Undheim, Kjell
 Selective alkylation of ambient 5-halopyrimidin-2-one anion.
Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1981**, *B35*(1), 69-71.
144. Undheim, Kjell
 The novel dihydrothiazolo[3,2-a]pyridinium-8-olate and closely related systems; syntheses and reactions.
Heterocycles **1981**, *15*, 1349-94.
143. Johansen, Oeyvind Hammer; Groth, Per; Undheim, Kjell
 Electrocyclic rearrangement of a strained cyclic β -carbonyl sulfonium ylide.
Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1980**, *B34*(1), 1-4.
142. Undheim, Kjell
 Ionization potentials in structure analysis of gaseous species from betaines.
Advances in Mass Spectrometry **1980**, *8A*, 776-86.
141. Ulsaker, Gunnar A.; Laerum, Tore; Undheim, Kjell
 Synthesis of 2,3-dihydro[1,4]oxathieno[3,2-b]pyridines.
Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1980**, *B34*(8), 619-20.
140. Skinnemoen, Kari; Undheim, Kjell
 Synthesis of 2H-pyran-3-(6H)-ones.
Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1980**, *B34*(4), 295-7.
139. Hammer Johansen, Oeyvind; Ottersen, Tor; Undheim, Kjell
 1H-2-Benzothiopyran-4(3H)-one in aldol and Mannich reactions.
Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1979**, *B33*(9), 669-74.

138. Gacek, Michel; Ongstad, Leif; Undheim, Kjell
 C-Alkylation of pyrimidines by an oxoalkyl reactant.
Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1979**, B33(2), 150-1.
137. Johansen, Oyvind Hammer; Undheim, Kjell
 Conjugate addition of lithium dimethylcuprate to an α,β,β -trialkylthio- α,β -unsaturated ketone.
Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1979**, B33(6), 460-1.
136. Gacek, M.; Thorstad, O.; Ongstad, L.; Undheim, K.
 Ionization potentials in tautomer analysis of 2-hydroxypyrimidines.
Chemica Scripta **1979**, 13, 99-101.
135. Gacek, M.; Undheim, K.; Oftebro, R.; Laland, S. G.
 Metahalones, a new class of metaphase inhibitors.
FEBS Letters **1979**, 98, 355-8.
134. Laerum, Tore; Undheim, Kjell
 N-quaternary compounds. Part 52. Photochemically induced valence bond isomerism and rearrangement to pyridinones of thiazolo[3,2-a]pyridinium-8-olate derivatives.
Journal of the Chemical Society, Perkin Transactions 1: Organic and Bio-Organic Chemistry (1972-1999) **1979**, (5), 1150-3.
133. Ulsaker, Gunnar Arnfinn; Breivik, Harald; Undheim, Kjell
 N-Quaternary compounds. Part 53. Vinylation reactions of pyridine-2-thiones.
Journal of the Chemical Society, Perkin Transactions 1: Organic and Bio-Organic Chemistry (1972-1999) **1979**, (10), 2420-4.
132. Laerum, Tore; Ottersen, Tor; Undheim, Kjell
 N-Quaternary compounds. Part LIV. Isomerization by flash vacuum pyrolysis.
Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1979**, B33(4), 299-304.
131. Breivik, Harald; Ottersen, Tor; Undheim, Kjell
 Regioselective addition of 2-pyridinone to C-2 of a haloalkyne.
Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1979**, B33(5), 365-9.
130. Gacek, Michel; Undheim, Kjell
 Regioselective N-alkylation in 5-fluorouracil.
Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1979**, B33(7), 515-18.
129. Ellingsen, Peter Olav; Undheim, Kjell
 Sulfones in Horner-Wittig synthesis of alkenes.
Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1979**, B33(7), 528-30.
128. Skinnemoen, Kari; Undheim, Kjell
 Synthesis of dihydro-2H-thiopyran-3-ones.

Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1979**, *B33*(10), 767-9.

127. Ranger, Per Olaf; Ulsaker, Gunnar Arnfinn; Undheim, Kjell
N-Quaternary compounds. Part IL. Hydride shift and lactam formation in diazotization of a β -aminopyridinium derivative.

Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1978**, *B32*(1), 70-2.

126. Ulsaker, Gunnar Arnfinn; Laerum, Tore; Undheim, Kjell
N-Quaternary compounds. Part L. Elimination reactions in dihydrothiazolo[3,2-a]pyridinium derivates.

Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1978**, *B32*(6), 460-2.

125. Laerum, Tore; Ulsaker, Gunnar Arnfinn; Undheim, Kjell
N-Quaternary compounds. Part LI. Deuterium labeling of thiazolo[3,2-a]pyridinium betaines.

Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1978**, *B32*(9), 651-4.

124. Ulsaker, Gunnar Arnfinn; Undheim, Kjell
N-Quaternary compounds. Part XLVII. Vinylation of pyridine-2-thiones by base-induced ring opening of intermediate dihydrothiazolo[3,2-a]pyridinium derivatives.

Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1978**, *B32*(1), 66-7.

123. Laerum, Tore; Undheim, Kjell
N-Quaternary compounds. Part XLVIII. Photochemical rearrangement of pyridinium-3-olates to 2-pyridones.

Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1978**, *B32*(1), 68-9.

122. Ellingsen, P.; Hvistendahl, G.; Undheim, K.
Redox processes in the evaporation of N-phenylpyridinium salts in the mass spectrometer.
Organic Mass Spectrometry **1978**, *13*, 455-8.

121. Ulsaker, Gunnar Arnfinn; Undheim, Kjell
N-Quaternary compounds. Part XLV. Selective N-vinylation of pyridine-2-thiones by decarboxylative ring-opening of intermediate 3-carboxydihydrothiazolo[3,2-a]pyridinium derivatives.

Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1977**, *B31*(10), 917-19.

120. Ulsaker, Gunnar A.; Evans, Fred G.; Undheim, Kjell
N-Quaternary compounds. Part XLVI. Contrasting regioselectivities in bromination and chlorination of the dihydrothiazolo[3,2-a]pyridinium-8-olate systems.

Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1977**, *B31*(10), 919-21.

119. Gacek, M.; Undheim, K.; Hakansson, R.
N-Quaternary compounds. XLIII. Synthesis and circular dichroism of α -amino and α -

N,N,N-trimethylammonio acid amides.

Tetrahedron **1977**, *33*, 589-92.

118. Gacek, M.; Undheim, K.

N-Quaternary compounds. XLIV. Synthesis and circular dichroism of α -N,N-dimethylamino and α -N,N,N-trimethylammonio ketones.

Tetrahedron **1977**, *33*, 2863-5.

117. Cederlund, Bjorn; Lantz, Rolf; Hornfeldt, Anna Britta; Thorstad, Olav; Undheim, Kjell Preparation of some thiophene-, selenophene- and furan thiols. Ionization potentials in tautomer analysis.

Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1977**, *31*, 198-202.

116. Undheim, Kjell; Ulsaker, Gunnar A.

Pyridothione derivative-containing antimicrobial compositions for use in medicine and agriculture.

Ger. Offen. **1977**, DE 2631050 A1 19770120

115. Gacek, Mikkel Josef; Oftebro, Reidar; Laland, Soren Gustav Moe; Undheim, Kjell Pyrimidone derivatives.

Ger. Offen. **1977**, DE 2646676 A1 19770428

114. Laerum, Tore; Undheim, Kjell

Mass spectrometry of onium compounds. Part XXXI. Methiodides of cyclopentenyl- and cyclopentadienylpyridines.

Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1976**, *B30(7)*, 669-74.

113. Fjeldstad, Per E.; Undheim, Kjell

Morpholine and thiophene in glow discharge reactions.

Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1976**, *B30(4)*, 375-6.

112. Baklien, Sigurd; Groth, Per; Undheim, Kjell

Pyrylium salts. Part VII. A derivative of anti-1,5:6,10-bisepithiocyclododecene.

Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1976**, *B30(1)*, 24-6.

111. Nilsen, Bjørn P.; Undheim, Kjell

Pyrylium salts. Part VIII. Derivatives of 5,13:6,12-bisepoxydibenzo[a,f]cyclodecenes.

Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1976**, *B30(7)*, 619-23.

110. Undheim, Kjell

Ionisation and appearance potentials in structure analysis of volatile products from organic onium salts and tautomeric heterocycles in the mass spectrometer.

Doctor Philosophie Thesis, University of Oslo, 1976.

109. Undheim, Kjell; Nilsen, Bjørn P.

2,3-Epoxyindanone. Synthesis and reactions.

Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1975**, *B29(4)*, 503-6.

108. Undheim, Kjell; Riege, Leif A.
 Adduct formation between pyridine-2-thiones and acetylenic carbonyl derivatives.
Journal of the Chemical Society, Perkin Transactions 1: Organic and Bio-Organic Chemistry (1972-1999) **1975**, (15), 1493-6.
107. Thorstad, Olav; Undheim, Kjell; El-Gendy, Mahmoud A. F.
 Ionisation potentials in structure analysis of isomeric nitrones, oxaziranes, O-ether oximes, and acid amides.
Organic Mass Spectrometry **1975**, 10, 1155-9.
106. Thorstad, Olav; Undheim, Kjell; Cederlund, Bjorn; Hornfeldt, Anna B.
 Ionization potentials in tautomeric analysis of 2-hydroxy derivatives of thiophenes, selenophenes, and furans.
Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1975**, B29(6), 647-51.
105. Thorstad, Olav; Undheim, Kjell; Lantz, Rolf; Hornfeldt, Anna B.
 Ionization potentials in tautomeric analysis of 3-hydroxy derivatives of thiophenes, selenophenes, and furans.
Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1975**, B29(6), 652-4.
104. Hurum, Torgeir; Ulsaker, Gunnar A.; Undheim, Kjell
 Mass spectrometry of onium compounds. XIX. Ionization potentials of some pyridines and pyridinium betaines. Structure analysis.
Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1975**, B29(10), 1043-6.
103. Hansen, Per Egil; Undheim, Kjell
 Mass spectrometry of onium compounds. XXIX. Ionization potential in structure analysis of valence isomers.
Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1975**, B29(2), 221-3.
102. Hvistendahl, Georg; Undheim, Kjell; Blanch, Jan H.
 Mass spectrometry of onium compounds. XXV. Pyridine oximes and nitriles and their methiodides.
Chemica Scripta **1975**, 7, 21-2.
101. Laerum, Tore; Undheim, Kjell
 Mass spectrometry of onium compounds. XXVIII. Pyrolysis of methonium salts.
Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1975**, B29(2), 213-16.
100. Gyrosi, Peter; Hvistendahl, Georg; Undheim, Kjell
 Mass spectrometry of triphenylcyclopropenium salts. Competition between dimerization and adduct formation.
Organic Mass Spectrometry **1975**, 10, 744-7.
99. Hansen, Per Egil; Undheim, Kjell
 N-quaternary compounds. XL. Syntheses of 1a,6a-dihydroindeno[1,2-b]azirin-6(1H)-ones and isomerization to isoquinolinium derivatives.

Journal of the Chemical Society, Perkin Transactions 1: Organic and Bio-Organic Chemistry (1972-1999) **1975**, (3), 305-8.

98. Riege, Leif A.; Undheim, Kjell

N-Quaternary compounds. XLI. Bromination studies of 2-pyridylthiovinyl derivatives.

Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1975**, 29, 582-8.

97. Ulsaker, Gunnar A.; Undheim, Kjell

N-Quaternary compounds. XLII. Competitive neighboring group participation in cyclization reactions of 2-pyridylthioethers.

Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1975**, B29(8), 853-8.

96. Gacek, Michel; Undheim, Kjell

N-Quaternary compounds. XXXVIII. Syntheses and chiroptical properties of some 2-trimethylammoniopropan-1-ols.

Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1975**, B29(2), 206-12.

95. Undheim, Kjell; Baklien, Sigurd

Pyrylium salts. V. 5,6,12,13-Tetrahydro-5,13:6,12-bis(epithio)dibenzo[a,f]cyclodecene-7,14-diones by dimerization of 2-benzothiopyrylium-4-olate.

Journal of the Chemical Society, Perkin Transactions 1: Organic and Bio-Organic Chemistry (1972-1999) **1975**, (14), 1366-9.

94. El-Moafi, Hamdi M. R.; Hvistendahl, Georg; Undheim, Kjell

Mass spectrometry of onium compounds. XXI. Substituent effect on the evaporation of anilinium oxides. olates.

Journal Org. Mass. Spectrom **1974**, 9, 350-58

93. Grønneberg, Truls; Hurum, Torgeir; Undheim, Kjell.

Mass spectrometry of onium compoujnds XXVII. Ionisation potentials in structure analysis of gaseous hydroxypyridine 1-oxide derivatives.

Acta Chem. Scand. **1974**, B28, 986-988.

92. Undheim, Kjell; Carlberg, Georg E.

Pyrylium salts. III. Properties and reactions of 2,6-dicarbonyl derivatives..

Acta Chem. Scand. **1974**, 28B, 517-.

91. Thorstad, Olav; Undheim, Kjell; Hvistendahl, Georg

Mass spectrometry of onium compounds. XXIII. Ionization potentials in the structural assignment of [M - N₂] ions from diazo oxides.

Organic Mass Spectrometry **1974**, 9, 548-50.

90. Thorstad, Olav; Undheim, Kjell

Mass spectrometry of onium compounds. XXIV. Ionization potential in structure analysis of pyridodiazo oxides.

Chemica Scripta **1974**, 6, 222-5.

89. Undheim, Kjell; El-Gendy, Mahmoud A. F.; Hurum, Torgeir

Mass spectrometry of onium compounds. XXVI. Ionization potentials in structure analysis of gaseous aminopyridine 1-oxides.

Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1974**, 28, 743-9.

88. Undheim, Kjell; El-Gendy, Mahmoud A. F.; Hurum, Torgeir
 Mass spectrometry of onium compounds. XXX. Ionization potentials in structure analysis of sydrones.
Organic Mass Spectrometry **1974**, 9, 1242-4.
87. Hvistendahl, Georg; Gyrosi, Peter; Undheim, Kjell
 Mass spectrometry of pyrylium salts. Free radical evaporation.
Organic Mass Spectrometry **1974**, 9, 80-3.
86. Gacek, M.; Undheim, K.
 N-quaternary compounds. IXL. Circular dichroism of α -trimethylammonium aldehydes.
Tetrahedron **1974**, 30, 4233-7.
85. Hagen, Sigurd; Ulsaker, Gunnar A.; Undheim, Kjell
 N-quaternary compounds. XXXVI. Nitro- and diazonium-group activation in reactions of pyridinium derivatives.
Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1974**, 28, 523-7.
84. Reistad, Kjell R.; Ulsaker, Gunnar A.; Undheim, Kjell
 N-quaternary compounds. XXXVII. Syntheses and reactions of pyrid-2-thiones with α -bromoacrylic acid.
Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry **1974**, 28, 667-72.
83. Undheim, Kjell; Lie, Reidar
 Benzo[b]thiophene formation by thiophenol addition to activated triple bonds.
Acta Chemica Scandinavica (1947-1973) **1973**, 27, 595-9.
82. Fjeldstad, Einar; Undheim, Kjell
 Circular dichroism of α -amino acids with a δ -chromophore.
Chemica Scripta **1973**, 3, 229-31.
81. By Undheim, Kjell; Laerum, Tore
 Mass spectrometry of onium compounds. XVI. Pyrolytic fragmentation of amino acid betaines.
Acta Chemica Scandinavica (1947-1973) **1973**, 27, 589-94.
80. Hvistendahl, Georg; Undheim, Kjell
 Mass spectrometry of onium compounds. XVII. Anilinium carboxylates. Ortho effect in anthranilic acid derivatives.
Organic Mass Spectrometry **1973**, 7, 627-33.
79. Undheim, Kjell; Hansen, Per Egil
 Mass spectrometry of onium compounds. XVIII. Evaporation of N-arylpyridinium 3-oxides.
Organic Mass Spectrometry **1973**, 7, 635-8.
78. Fjeldstad, Per Einar; Undheim, Kjell
 Mass spectrometry of onium compounds. XX. Ionization potential in structural assignment of some gaseous molecules.
Organic Mass Spectrometry **1973**, 7, 639-41.

77. Hvistendahl, Georg; Undheim, Kjell; Gyorosi, Peter
 Mass spectrometry of tropylium halides.
Organic Mass Spectrometry **1973**, 7, 903-5.
76. Undheim, Kjell; Fjeldstad, Per E.
 N-Quaternary compounds. XXIX. Selective removal of the N-chloroacetyl group in peptides.
Journal of the Chemical Society, Perkin Transactions 1: Organic and Bio-Organic Chemistry (1972-1999) **1973**, No. 8, 829-31.
75. Gacek, M.; Undheim, K.
 N-Quaternary compounds. XXVIII. Circular dichroism of α -trimethylammonium acids.
Tetrahedron **1973**, 29, 863-6.
77. Undheim, Kjell; Ulsaker, Gunnar A.
 N-quaternary compounds. XXX. Synthesis and configurational assignments of chiral pyridine derivatives.
Acta Chemica Scandinavica (1947-1973) **1973**, 27, 1059-66.
73. Undheim, Kjell; Ulsaker, Gunnar A.
 N-Quaternary compounds. XXXI. Sulfur participation in the cyclization of a 2-bromo-3- α -pyridylthiopropionic acid.
Acta Chemica Scandinavica (1947-1973) **1973**, 27, 1390-4.
72. Undheim, Kjell; Lie, Reidar
 N-Quaternary compounds. XXXII. Michael addition of 2(1H)-pyridinethiones to α -bromo- α,β -unsaturated acids.
Acta Chemica Scandinavica (1947-1973) **1973**, 27, 1749-55.
71. Lie, Reidar; Undheim, Kjell
 N-Quaternary compounds. XXXIII. Reactions between pyrid-2-thiones and activated acetylenes.
Acta Chemica Scandinavica (1947-1973) **1973**, 27, 1756-62.
70. Lie, Reidar; Undheim, Kjell
 N-Quaternary compounds. XXXIV. Addition of pyridine-2-thiones to α -bromo- α,β -unsaturated cyclic ketones.
Journal of the Chemical Society, Perkin Transactions 1: Organic and Bio-Organic Chemistry (1972-1999) **1973**, (19), 2049-50.
69. Fjeldstad, Per E.; Undheim, Kjell
 N-Quaternary compounds. XXXV. Solvolysis of thiazolo[3,2-a]pyridinium-3-oxides.
Acta Chemica Scandinavica (1947-1973) **1973**, 27, 1763-70.
68. Undheim, Kjell; Ostensen, Eilif T.
 Pyrylium salts. I. 2,6-Dimethoxycarbonyl derivatives.
Acta Chemica Scandinavica (1947-1973) **1973**, 27, 1385-9.
67. Østensen, Eilif T.; Undheim, Kjell
 Pyrylium salts. II. Reaction of the 2,6-dimethoxycarbonylpyrylium cation with carbon nucleophiles.
Acta Chemica Scandinavica (1947-1973) **1973**, 27, 2184-92.

66. Hansen, Per E.; Undheim, Kjell
 Synthesis of the indano[1,2-b]aziridine system.
Acta Chemica Scandinavica (1947-1973) **1973**, 27, 1112-13.
65. Gacek, Michel; Undheim, Kjell; Nordal, Arnold
 Circular dichroism studies of phorbic acid derivatives.
Chemica Scripta **1972**, 2, 69-71.
64. Undheim, Kjell; Hurum, Torgeir
 Mass spectrometry of 3-hydroxypyridines.
Acta Chemica Scandinavica (1947-1973) **1972**, 26, 2075-84.
63. Undheim, Kjell; Hvistendahl, Georg
 Mass spectrometry of DOPA [3,4-dihydroxyphenylalanine] and analogs.
Analytica Chimica Acta **1972**, 62, 187-90.
62. Hvistendahl, Georg; Undheim, Kjell
 Mass spectrometry of onium compounds. IX. Evaporation of anilinium oxides. Ionization potential measurements.
Organic Mass Spectrometry **1972**, 6, 217-23.
61. Undheim, Kjell; Hurum, Torgeir
 Mass spectrometry of onium compounds. VIII. Dihydrothiazolo[3,2-a]pyridinium derivatives.
Acta Chemica Scandinavica (1947-1973) **1972**, 26, 2385-400.
60. Groenneberg, Truls; Undheim, Kjell
 Mass spectrometry of onium compounds. X. Evaporation of pyridinium 3-oxides and ionization potential measurements.
Organic Mass Spectrometry **1972**, 6, 225-7.
59. Gronneberg, Truls; Undheim, Kjell
 Mass spectrometry of onium compounds. XI. Ionization potentials of hydroxy and mercapto pyridines.
Organic Mass Spectrometry **1972**, 6, 823-6.
58. Hvistendahl, Georg; Undheim, Kjell
 Mass spectrometry of onium compounds. XII. Radical formation in the evaporation of the cinnolinium cation.
Tetrahedron **1972**, 28, 1737-48.
57. Lie, Reidar; Undheim, Kjell
 Mass spectrometry of onium compounds. XIII. Pyrolytic behavior of dihydrothiazolo[3,2-a]pyridinium carboxylates.
Acta Chemica Scandinavica (1947-1973) **1972**, 26, 3459-67.
56. Hvistendahl, G.; Undheim, K.
 Mass spectrometry of onium compounds. XIV. Methiodides of methyl pyridylacetates.
Journal of the Chemical Society, Perkin Transactions 2: Physical Organic Chemistry (1972-1999) **1972**, (14), 2030-3.

55. Grønneberg, Truls; Undheim, Kjell
 Mass spectrometry of onium compounds. XV. Ionization potentials of aminopyridines.
Tetrahedron Letters **1972**, (31), 3193-6.
54. Grønneberg, Truls; Undheim, Kjell
 N-Quaternary compounds. XXIII. Optical rotatory dispersion and circular dichroism studies of pyridinium analogs of α -amino acids.
Acta Chemica Scandinavica (1947-1973) **1972**, 26, 2267-71.
53. Reistad, Kjell Ragnar; Undheim, Kjell
 N-Quaternary compounds. XXIV. Isoquinoline analogs.
Acta Chemica Scandinavica (1947-1973) **1972**, 26, 1620-2.
52. Grønneberg, Truls; Undheim, Kjell
 N-quaternary compounds. XXV. Ionization constants of pyridinium 3-oxides.
Acta Chemica Scandinavica (1947-1973) **1972**, 26, 1847-50.
51. Greibrokk, T.; Undheim, K.
 N-quaternary compounds. XXVI. CD curves for sulfoxides.
Tetrahedron **1972**, 28, 1223-6.
50. Gacek, Michel; Undheim, Kjell
 N-quaternary compounds. XXVII. Circular dichroism of chiral pyridinium derivatives.
Acta Chemica Scandinavica (1947-1973) **1972**, 26, 2655-62.
49. Reistad, K. R.; Groth, P.; Lie, R.; Undheim, K.
 New 12-membered heterocyclic ring system.
Journal of the Chemical Society, Chemical Communications **1972**, (19), 1059-60.
48. Undheim, Kjell; Hurum, Torgeir
 Synthesis of a [1,4]oxathiano[3,2-b]pyridine derivative.
Acta Chemica Scandinavica (1947-1973) **1972**, 26, 1727-9.
47. Borka, Laszlo; Undheim, Kjell
 Thiopyridine derivative of 17β -estradiol.
Acta Pharmaceutica Suecica **1972**, 9, 305-8.
46. Hvistendahl, Georg; Undheim, Kjell
 Ionization potentials of stable free radicals.
Chemica Scripta **1971**, 1, 123-4.
45. Undheim, Kjell; Hvistendahl, Georg
 Mass spectrometry of 2-methylpyrimidines.
Acta Chemica Scandinavica (1947-1973) **1971**, 25, 3227-45.
44. Groenneberg, Truls; Undheim, Kjell
 Mass spectrometry of onium compounds. III. Pyridinium 3-oxides.
Acta Chemica Scandinavica (1947-1973) **1971**, 25, 2807-24.
43. Undheim, Kjell; Thorstad, Olav; Hvistendahl, Georg
 Mass spectrometry of onium compounds. IV. Diazonium salts.
Organic Mass Spectrometry **1971**, 5, 73-7.

42. Undheim, Kjell; Fjeldstad, Per E.; Tveita, Per O.
Mass spectrometry of onium compounds. V. Thiazolo[3,2-a]pyridinium 3-oxides.
Acta Chemica Scandinavica (1947-1973) **1971**, 25, 2943-53.
41. Undheim, Kjell; Hvistendahl, Georg
Mass spectrometry of onium compounds. VI. Pyrimidinium oxide.
Organic Mass Spectrometry **1971**, 5, 325-34.
40. Reistad, Kjell R.; Undheim, Kjell
Mass spectrometry of onium compounds. VII. Thiazolo[3,2-a]pyridinium 8-oxides.
Acta Chemica Scandinavica (1947-1973) **1971**, 25, 2954-64.
39. Undheim, Kjell; Groenneberg, Truls
N-Quaternary compounds. XIX. Menschutkin reaction.
Acta Chemica Scandinavica (1947-1973) **1971**, 25, 18-26.
38. Undheim, Kjell; Tveita, Per O.
N-Quaternary compounds. XVIII. Thiazolo [3,2-a]pyridinium-3-oxide.
Acta Chemica Scandinavica (1947-1973) **1971**, 25, 5-17.
37. Greibrokk, Tyge; Undheim, Kjell
N-quaternary compounds. XXI. Sulfoxidation.
Acta Chemica Scandinavica (1947-1973) **1971**, 25, 2251-6.
36. Greibrokk, Tyge; Undheim, Kjell
N-quaternary compounds. XXII. Quinoline derivatives.
Acta Chemica Scandinavica (1947-1973) **1971**, 25, 2935-42.
35. Eidem, Ase; Undheim, Kjell; Reistad, Kjell R.
N-Quaternary compounds. XVII. Addition of thioamides to α -bromo- α,β unsaturated acids.
Acta Chemica Scandinavica (1947-1973) **1971**, 25, 1-4.
34. Hvistendahl, Georg; Undheim, Kjell
High resolution mass spectrometry of trimethylamine.
Organic Mass Spectrometry **1970**, 3, 821-4.
33. Hvistendahl, Georg; Undheim, Kjell; Bremer, Jon
Mass spectrometry of onium compounds. II. Carnitine and O-acyl derivatives.
Organic Mass Spectrometry **1970**, 3, 1433-8.
32. Undheim, Kjell; Hvistendahl, Georg
Mass spectrometry of onium salts. I. Anilinium oxide.
Organic Mass Spectrometry **1970**, 3, 1423-32.
31. Undheim, Kjell; Reistad, Kjell R.
N-Quaternary compounds. XIV. [1,3]Thiazino[3,2-a]pyridinium-9-oxide system.
Rearrangement to the thiazolo[3,2-a]pyridinium-8-oxide system.
Acta Chemica Scandinavica (1947-1973) **1970**, 24, 2449-55.
30. Undheim, Kjell; Reistad, Kjell R.
N-Quaternary compounds. XV. Thiazolo[3,2-a]pyridinium-8-oxide system.
Acta Chemica Scandinavica (1947-1973) **1970**, 24, 2956-68.

29. Undheim, Kjell; Eidem, Ase
 N-quaternary compounds. XVI. 4-Carboxythiazolinium derivatives.
Acta Chemica Scandinavica (1947-1973) **1970**, 24, 3129-33.
28. Undheim, Kjell; Greibrokk, Tyge
 N-Quaternary compounds. XX. Stereochemical studies.
Acta Chemica Scandinavica (1947-1973) **1970**, 24, 3429-30.
27. Undheim, Kjell; Gacek, Michel
 Derivatives of 5-fluoropyrimidine.
Acta Chemica Scandinavica **1969**, 23, 294-9.
26. Undheim, Kjell; Nordal, Vegard; Tjønneland, Knut
 N-quaternary compounds. II. Synthesis of dihydrothiazolo[3,2-a]pyridinium-8-oxide.
Acta Chemica Scandinavica (1947-1973) **1969**, 23, 1704-14.
25. Undheim, Kjell; Borka, Laszlo
 N-quaternary compounds. III. Addition of 3-hydroxypyrid-2-thiones to α -bromo- α - β -unsaturated acids.
Acta Chemica Scandinavica (1947-1973) **1969**, 23, 1715-22.
24. Undheim, Kjell; Tveita, Per O.; Borka, Laszlo; Nordal, Vegard
 N-quaternary compounds. VI. Pyridinium 3-oxide.
Acta Chemica Scandinavica (1947-1973) **1969**, 23, 2065-74.
23. Undheim, Kjell; Nordal, Vegard; Borka, Laszlo
 N-quaternary compounds. VII. N-oxide of 3-hydroxypyridines.
Acta Chemica Scandinavica (1947-1973) **1969**, 23, 2075-82.
22. Undheim, Kjell; Wiik, Terje; Borka, Laszlo; Nordal, Vegard
 N-quaternary compounds. XIII. Partial asymmetric synthesis.
Acta Chemica Scandinavica (1947-1973) **1969**, 23, 2509-14.
21. Undheim, Kjell; Greibrokk, Tyge
 Quaternary ammonium compounds. IX. 3-Hydroxypyridinium hydroxide inner salts from amino acids.
Acta Chemica Scandinavica (1947-1973) **1969**, 23, 2475-87.
20. Undheim, Kjell; Roe, Johan
 Quaternary ammonium compounds. VIII. Synthesis and properties of 8-hydroxydihydrothiazolo[3,2-c]pyrimidinium hydroxide inner salts.
Acta Chemica Scandinavica (1947-1973) **1969**, 23, 2437-51.
19. Undheim, Kjell; Gacek, Michel
 Quaternary ammonium compounds. X. Syntheses of 3-hydroxypyridinium hydroxide inner salts from amino acids.
Acta Chemica Scandinavica (1947-1973) **1969**, 23, 2488-500.
18. Undheim, Kjell; Roe, Johan; Greibrokk, Tyge
 Quaternary ammonium compounds. XI. Synthesis of dihydro-8-hydroxythiazolo[3,2-alpyridinium hydroxide inner salts from L-cysteine.
Acta Chemica Scandinavica (1947-1973) **1969**, 23, 2501-4.

17. Undheim, Kjell; Greibrokk, Tyge
 Quaternary ammonium compounds. XII. Racemization studies.
Acta Chemica Scandinavica (1947-1973) **1969**, 23, 2505-8.
16. Undheim, Kjell; Nordal, Vegard
 Quaternary nitrogen compounds. IV. Stereoselective sulfoxide formation.
Acta Chemica Scandinavica (1947-1973) **1969**, 23, 1966-74.
15. Undheim, Kjell; Nordal, Vegard
 Quaternary nitrogen compounds. V. Nuclear substitution.
Acta Chemica Scandinavica (1947-1973) **1969**, 23, 1975-85.
14. Undheim, Kjell; Nordal, Vegard
 Structure elucidation of a fluorescent substance from bovine liver hydrolyzates.
Acta Chemica Scandinavica (1947-1973) **1969**, 23, 371-8.
13. Undheim, Kjell; Bye, Gunnar
 Synthesis of 3-hydroxy-6-[¹⁴C-methyl]-2(1H)-pyridinethione.
Acta Chemica Scandinavica **1969**, 23, 695-6.
12. Undheim, Kjell; Nordal, Vegard; Tjønneland, Knut
 Pyridine derivatives.
S. African **1968**, ZA 6702789 19681112
11. Undheim, Kjell; Bamberg, Peter; Sjøberg, Berndt
 Semisynthetic penicillins. IV. Preparation of α -(ylideniminoxy)carboxylic acids.
Acta Chemica Scandinavica **1965**, 19, 317-24.
10. Bamberg, Peter; Ekstrøm, Bertil; Undheim, Kjell; Sjøberg, Berndt
 Semisynthetic penicillins. V. α -(Ylideneiminoxy)penicillins.
Acta Chemica Scandinavica **1965**, 19, 352-8.
9. Bird, O. D.; Oakes, V.; Undheim, K.; Rydon, R. N.
 Folic acid antagonists based on some deazapteridine ring systems.
Pteridine Chem., Proc. Intern. Symp., 3rd, Stuttgart **1964**, 1962, 417-25, discussion 425-6.
8. Sjøberg, Berndt; Undheim, Kjell
 Synthesis of C14-labeled α -aminobenzylpenicillin.
Acta Chemica Scandinavica **1963**, 17, 933-6.
7. Djerassi, Carl; Undheim, Kjell; Weidler, Anne Marie
 Optical rotatory dispersion studies. LXXIII. Anomalous rotatory dispersion curves associated with acylthioureas. Application to stereochemical studies of α -substituted carboxylic acids.
Acta Chemica Scandinavica **1962**, 16, 1147-58.
6. Rydon, H. N.; Undheim, K.
 Polyazanaphthalenes. IX. The synthesis of some folic acid antagonists.
Journal of the Chemical Society **1962**, 4689-95.
5. Oakes, V.; Rydon, H. N.; Undheim, K.
 Polyazanaphthalenes. VII. Some derivatives of quinazoline and 1,3,5-triazanaphthalene.
Journal of the Chemical Society **1962**, 4678-85.

4. Rydon, H. N.; Undheim, K.
Polyazanaphthalenes. VIII. Further derivatives of quinoxaline.
Journal of the Chemical Society **1962**, 4685-89.
3. Rydon, H. N.; Undheim, K.
Preparation of glutazine and some of its derivatives.
Journal of the Chemical Society **1962**, 4676-7.
2. Djerassi, Carl; Undheim, Kjell; Sheppard, R. C.; Terry, W. G.; Sjøberg, Berndt
Optical rotatory dispersion studies. XLVI. Stereochemical assignments through anomalous
rotatory dispersion curves of α -amino acid derivs-3-phenyl-2-thiohydantoins and N-
thionocarbethoxy amino acids.
Acta Chemica Scandinavica **1961**, 15, 903-12.
1. Djerassi, Carl; Undheim, Kjell
Optical rotatory dispersion studies. XLIII. Absolute configurational assignment of α -
substituted carboxylic acids by anomalous rotatory dispersion of their acylthiourea derivatives
Journal of the American Chemical Society **1960**, 82, 5755-6.