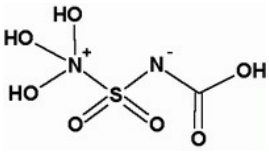
Methoxycarbonylsulfamoyl triethylammonium hydroxide, inner salt, Burgess reagent, CAS 29684-56-8
Item available at : www.bujno.eu
Specific web site : http://www.bujno.eu/index.php?sel_odd=CEN&page=8&szuk_tekst=green&id_of=3



Burgess reagent
Methoxycarbonylsulfamoyl triethylammonium hydroxide, inner salt

Purity:	98%
CAS	29684-56-8
FW	238,30
Melting point	78-80 °C

Literature

Aminalester. Zur Stabilität und Umsetzung mit aromatischen Aldehydem
Bredereck, H.; Simchen, G.; Hoffmann, H.; Horn, P.; Wahl, R.; *Angew. Chem.*, 79 (**1967**) 311;

Darstellung und Eigenschaften der Amidacetale und Aminalester,
Hellmut Bredereck, Gerhard Simchen, Siegfried Rebsdat, Willi Kantlehner, Peter Horn, Rudolf Wahl, Horst Hoffmann und Peter Grieshaber, Chem. Ber., 101 (1968) 41

New synthetic reactions. Generalalkylation *via* α-trimetylenedithiocyclobutanones
Trost, B.M.; Preckel, M.; *J. Am. Chem. Soc.*; 97 (**1975**) 2224;

A novel metod for converting ketones to α-diketones. The reaction of enamino ketones with singlet oxygen
Wassermann, H.H.; Ives, J.L.; *J. Am. Chem. Soc.*; 98 (**1976**) 7868;

Asymmetric synthesis of *allo*-heteroyohimbine alkaloids
Uskokovic, M.R.; Lewis, R.L.; Partridge, J.J.; Despreaux, C.W.; Pruess, D.L.; *J. Am. Chem. Soc.*; 101 (**1979**) 6742;

Orthoamide, XXXII. Umsetzungen von *tert*-Butoxy-*N*,*N*,*N*′,*N*′-tetramethylmethandiamin mit NH- und CH-aciden Verbindungen
Kantlehner, W.; Wagner, F.; Bredereck, H.; *Liebigs Ann. Chem*., (**1980**) 344;

Tetracarbonylferrate aus Orthoameisensäurederivaten und Pentacarbonyleisen
Daub, J.; Hasenhündl, A.; Krenkler, K.P.; Schmetzer, J.; *Liebigs Ann. Chem*., (**1980**) 997;

Darstellung und Reaktionen von Trimethoxyacetamid und Trimethoxyacetamidderivaten
Kantlehner, W.; Kapassakalidis, J.J.; Maier, T.; *Liebigs Ann. Chem*., (**1980**) 1448;

Synthesis of 2′-methylated pyrimidine C-nucleosides
Sato, T.; Kobayashi, H.; Noyori, R.; *Tetrahedron Lett.*, 21 (**1980**) 1971;

Synthesis of 4′-hydroxymethylated pyrimidine ribo-C-nucleosides
Sato, T.; Noyori, R.; *Tetrahedron Lett.*, 21 (**1980**) 2535;

Total synthesis of racemic ajmalicine and 19-*epi*-ajmalicine
Gutzwiller, J.; Pizzolato, G.; Uskokovic, M.R.; *Helv. Chim. Acta*, 64 (**1981**) 1663;

Orthoamide, XXXVI. Zur Formylierung von 2,5-Dialkyl-1,3,4-thiadiazolen und 2,3,5-Trialkyl-1,3,4-thiadiazoliumsalzen durch Orthoamide der Ameisensäure
Kantlehner, W.; Haug, E.; Hagen, H.; *Liebigs Ann. Chem*., (**1982**) 298;

Einfache Synthese von α-substituierten Tetronsäure-Derivaten
Schmidt, R.R.; Betz, R.; *Synthesis*, (**1982**) 748;

Stereocontrolled general synthesis of pyrimidine *C*-nucleosides having branched-chain sugar moieties
Sato, T.; Watanabe, M.; Kobayashi, H.; Noyori, R.; *Bull. Chem. Soc. Jpn.*, 56 (**1983**) 2680;

Fungal metabolites. Part 15. Structure and chemical correlations of uvidin C, D, and E, new drimane sesquiterpenes from *Lactarius uvidus* Fries
De Bernardi, M.; Mellerio, G.; Vidari, G.; Vita-Finzi, P.; Fronza, G.; *J. Chem. Soc., Perkin Trans. 1*, (**1983**) 2739;

Stereoselective synthesis of racemic trichodiene
Schlessinger, R.H.; Schulz, J.A.; *J. Org. Chem.*, 48 (**1983**) 407;

Synthetic strategies toward the synthesis of 2,4-dimethoxypyrrolo[3,2-d]pyrimidine
Cupps, T.L.; Wise, D.S.; Townsend, L.B.; *J. Org. Chem.*, 48 (**1983**) 1060;

Bromination of some pyridine and diazine *N*-oxides
Paudler, W.W.; Jovanovic, M.V.; *J. Org. Chem.*, 48 (**1983**) 1064;

Synthesis of porphyrinoctakis(dialkylcarboxamides)
Kaesler, R.W.; LeGoff, E.; *J. Org. Chem.*, 48 (**1983**) 4399;

Benz[c,d]indoles – I. The use of *tert*-buthoxy-bis-(dimethylamino)-methane
Haeflinger, W.; Knecht, H.; *Tetrahedron Lett.*, 24 (**1983**) 285;

Synthese de cyclopena[c]tetrahydropyridines precuseurs d'alcaloides monoterpeniques
Brayer, J.-L.; Alazard, J.-P.; Thal, C.; *Tetrahedron Lett.*, 24 (**1983**) 4193;

Reaction of singlet oxygen with enamino carbonyl systems. A general method for the synthesis of α-keto derivatives of lactones, esters, amides, lactams and ketonem
Wassermann, H.H.; Ives, J.L.; *J. Org. Chem.*, 50 (**1985**) 3573;

Simple enols. 4. Generation of some New simple enols In solution and the kinetics and mechanism of their ketonization
Capon, B.; Siddhanta, A.K.; Zucco, C.; *J. Org. Chem.*, 50 (**1985**) 3580;

O-Glycosylimidate, 19. Reaktionen von Glycosyl-trichloracetimidaten mit silylierten C-Nucleophilen
Hoffmann, M.G.; Schmidt R.R.; *Liebigs Ann. Chem*., (**1985**) 2403;

Total synthesis of acosamine and daunosamine utilizing a diastereoselective intramolecular [3+2] cycloaddition
Wovkulich, P.M.; Uskokovic, M.R.; *Tetrahedron*, 41 (**1985**) 3455;

An enantiospecific synthesis of estrone
Hutchinson, J.H.; Money, T.; *Tetrahedron Lett.*, 26 (**1985**) 1819;

New piperidinic synthons *via* ring contraction. Formal synthesis of (±)-perhydrohistrionicotoxin
Duhamel, P.; Kotera, M.; Monteil, T.; *Bull. Chem. Soc. Jpn.*, 56 (**1986**) 2353;

Reaktionen mit 2-aza-1,3-butadien-Derivaten, 1. Eine neue und besonders einfache Synthese von zentralaktiven β-Carbolin-Derivaten
Biere, H.; Russe, R.; Seelen, W.; *Liebigs Ann. Chem*., (**1986**) 1749;

The synthesis of Mannich bases from ketonem and esters *via* enaminones
Schuda, P.F.; Ebner, C.B.; Morgan, T.M.; *Tetrahedron Lett.*, 27 (**1986**) 2567;

Enantiospecific synthesis of estrone
Hutchinson, J.H.; Money, T.; *Can. J. Chem.*, 65 (**1987**) 1;

Electron-rich and electron-poor pentalene derivatives
Frank, W.; Gompper, R.; *Tetrahedron Lett.*, 28 (**1987**) 3083;

Thermolysis of polyazapentadienes. Part 11. Concerted and free radical mechanisms in 2-aza enone and 2-aza enthione pyrolyses: crystal and molecular structures of 3-dimethylamino-1-*p*-tolyl-2-azaprop-2-en-1-one and 3-dimethylamino-1-phenyl-2-azaprop-2-ene-1-thione
Blake, A.J.; McNab, H.; Murray, M.E.-A.; *J. Chem. Soc., Perkin Trans. 1*, (**1989**) 589

New 7-substituted quinolone antibacterial agents. II. The synthesis of 1-ethyl-1,4-dihydro-4-oxo-7-(pyrazoyl, isoxazoyl, and pyrimidinyl)-1,8-naphthyridine and quinolone-3-carboxylic acids
Domagala, J.M.; Peterson, P.; *J. Heterocyclic Chem.*, 26 (**1989**) 1147;

Highly stereoselective ring contraction of heterocyclic enamines: total synthesis of perhydrohistrionicotoxin and its 2,6-epimer
Duhamel, P.; Kotera, M.; Monteil, T.; Marabout, B.; *J. Org. Chem.*, 54 (**1989**) 4419;

Total synthesis of ( )-jolkinolide A, B, and E utilizing a new mild estrification followed by intramolecular Wittig-Horner reaction
Katsumura, S.; Kimura, A.; Isoe, S.; *Tetrahedron*, 45 (**1989**) 1337;

Tricyclic Pyridine Derivatives with High Affinity to the Central Benzodiazepine Receptor
Fischer, U.; Möhler, H.; Schneider, F.; Widmer, U.; *Helv. Chim. Acta*, 73 (**1990**) 763;

3,4-Disubstituted γ-lactam rongs as conformationally constrained mimics of peptide derivatives containing aspartic acid or norleucine
Garvey, D.S.; May, P.D.; Nadzan, A.M.; *J. Org. Chem.*, 55 (**1990**) 936;

Synthesis of advanced quinocarcin intermediate from L-glutamic acid
Lessen, T.A.; Demko, D.M.; Weireb, S.M.; *Tetrahedron Lett.*, 31 (**1990**) 2105;

Synthesis of 7-ethyl-4,7-dihydro-4-oxo-2-(4-pyridinyl)hieno[2,3-*b*]pyridine-5-carboxylic acid
Bacon, E.R.; Daum, S.J.; *J. Heterocyclic Chem.*, 28 (**1991**) 1953;

Expanded heterohelicenes: molecular coils that form chiral complexes
Bell, T.W.; Jousselin, H.; *J. Am. Chem. Soc.*; 113 (**1991**) 6283;

β-Carbolin-Alkaloide, II. Tributyl(1-ethoxyvinyl)stannan als C2-Baustein für die Synthese von β-Carbolin-Alkaloiden
Bracher, F.; Hildebrand, D.; *Liebigs Ann. Chem*., (**1993**) 837;

Enantioselective synthesis of 5-substituted- and 3,5-disubstituted-2-formylpyrrolidine derivatives, the key D-ring fragments of (-)-quinocarcin and (-)-decarboxyquinocarcin
Katoh, T.; Nagata, Y.; Kobayashi, Y.; Arai, K.; Minami, J.; Tereshima, S.; *Tetrahedron Lett.*, 34 (**1993**) 5743;

Synthesis of 3-(*N*-alkylamino)acetophenones *via* a benzyne intermediate
Albright, J.D.; Liebermann, D.F.; *J. Heterocyclic Chem.*, 31 (**1994**) 537;

Total synthesis of drimane sesquiterpenes from *S*-(+)-carvone (part 5)
Swarts, H.J.; Verstegen-Haaksma, A.A.; Jansen B.J.M.; de Groot, A.; *Tetrahedron*, 50 (**1994**) 10083;

Synthesis and stereochemistry of some thiazolidines related to 6-(hydroxyethyl)-penams
Urban, F.J.; Bordner, J.; DeCosta, D.; Dee, M.F.; Vincent, L.A.; *Tetrahedron: Asymmetry*, 5 (**1994**) 215;

The serotonin 5-HT_4 receptor. 2. Structure-activity studiem of the indole carbazimidamide class of agonists
Buchheit, K.-H.; Gamse, R.; Giger, R.; Hoyer, D.; Klein, F.; Kloppner, E.; Pfannkuche, H.-J.; Maties, H.; *J. Med. Chem.*, 38 (**1995**) 2331;

Cyclic variations of 3-quinolinecarboxamides and effects on antiherpetic activity
Wentland, M.P.; Carlson, J.A.; Dorff, P.H.; Aldous, S.C.; Perni, R.B.; Young, D.C.; Woods, M.G.; Kingsley, S.D.; Ryan, K.A.; Rosi, D.; Drozd, M.L.; Dutko, F.J.; *J. Med. Chem.*, 38 (**1995**) 2541;

Novel and potent adenosine 3′,5′-cyclic phosphate phosphodiesterase III inhibitors: thiazolo [4,5-b] [1,6]naphthyridin-2-ones
Singh, B.; Bacon, E.R.; Lesher, G.Y.; Robinson, S.; Pennock, P.O.; Bode, D.C.; Pagani, E.D.; Bentley, R.G.; Connell, M.J.; Hamel, L.T.; Silve, P.J.; *J. Med. Chem.*, 38 (**1995**) 2546;

New synthetic routes to 3-, 5-, and 6-aryl-2-chloropyridines
Chuch, R.; Trust, R.; Albright, J.D.; Powell, D.W.; *J. Org. Chem.*, 60 (**1995**) 3750;

Synthesis of functionalized aryloxy 1,3-butadienes and their transformation to diaryl ethers *via* Diels - Alder cycloaddition reactions
Olsen, R.K.; Feng, X.; Campbell, M.; Shao, R.; Math, S.K.; *J. Org. Chem.*, 60 (**1995**) 6025;

Mannich biscyclization. Total synthesis of (-)-ajamalicine
Logers, M.; Ogerman, L.E.; Welmaker, G.S.; *J. Am. Chem. Soc.*; 117 (**1995**) 9139;

A novel approach to the synthesis of 1-substituted-3,6-diaryl-imidazo[1,5-*b*]pyridazines
Zhao, X.; Zhang, R.; *Synth. Comm*., 25 (**1995**) 3271;

Synthesis of kainoid analogues
Barraclough, P.; Hudhomme, P.; Spray, C.A.; Young, D.W.; *Tetrahedron*, 51 (**1995**) 4195;

Stereospecific synthesis of (2*S*,4*R*)-[5,5,5-$^2H_3$]leucine
August, R.A.; Khan, J.A.; Moody, C.M.; Young, D.W.; *J. Chem. Soc., Perkin Trans. 1*, (**1996**) 507;

Study on the preparation of heteroaryl substituted enamines. A simple synthesis of heteroaryl substituted acetaldoximes from enamines
Copar, A.; Stanovnik, B.; Eisler, M.; *J. Heterocyclic Chem.*, 33 (**1996**) 465;

Concise syntheses of novel 1*H*-pyrrolo[3,2-g]quinazoline ring system and its [2,3-f] angular isomer
Showalter, H.D.H.; Sun, L.; Sercel, A.; Winters, R.T.; Denny, W.A.; Palmer, B.D.; *J. Org. Chem.*, 61 (**1996**) 1155;

A novel synthesis of the antipsychotic agent ziprasidone
Urban, F.J.; Breitenbach, R.; Gonyaw, D.; *Synth. Comm*., 26 (**1996**) 1629;

Chemistry and nonlinear optical properties of new 2H-benzotriazole derivatives
Gompper, R.; Walther, P.; Brauchle, C.; Stadle, S.; *Tetrahedron*, 52 (**1996**) 14607;

Ring contraction of a two-carbon bridged spiropentane
Wiberg, K.B.; Snoonian, J.R.; Lahti, P.M.; *Tetrahedron Lett.*, 37 (**1996**) 8285;

Synthesis of (η^5 -cyclopentadienyl)-1-(4-benzyloxycarbonyl-3,4-dihydroquinoxalin-2-yl)et hene-1,2-dithiolatocobalt(III) and (η^5-cyclopentadienyl)-1-[2-(*N*,*N*-dimethylaminomethyleneamino)-3-methyl-4-oxopteridin-6-yl]ethene-1,2 -di thiolatocobalt(III)
Dinsmore, A.; Birks, J.H.; Garner, C.D.; Joule, J.A.; *J. Chem. Soc., Perkin Trans. 1*, (**1997**) 801;

Synthesis of agonists and antagonists for central glutamate receptors by a novel ‘ring switching’ strategy

Bowler, A.N.; Dinsmore, A.; Doyle, P.M.; Young, D.W.; *J. Chem. Soc., Perkin Trans. 1*, (**1997**) 1297;

Nitrosation of methyl 2-cinnamoylamino-3-dimethylaminopropenoates. Alkil N-cinnamoyloxalic acid hydroxyimidic amides, intermediates in the synthesis of alkil 5-styryl-1,2,4-oxodiazole-3-carboxylates
Kmetic, M.; Stankovik, B.; *J. Heterocyclic Chem.*, 34 (**1997**) 1705;

Synthesis of oligo(diazaphenyls). Tailor-made fluorescent heteroaromatics and pathways to nanostructures
Gompper, R.; Mair, H.-J.; Polborn, K.; *Synthesis*, (**1997**) 696;

A convenient and efficient synthesis of (2*S*,4*R*)- and (2*S*,4*S*)-4-methylglutamic acid
Coudert, E.; Acher, F.; Azerad, R.; *Synthesis*, (**1997**) 863;

4-Substituted protoanemonin in intramolecular cycloaddition reactions of non-stabilised azomethine ylides
Grigg, R.; Samic, V.; Thornton-Pett, M.; *Tetrahedron*, 53 (**1997**) 10633;

A convergent route for the total synthesis of the eleuthesides
Chen, X.-T.; Gutteridge, C.E.; Bhattacharya, S.K.; Zhou, B.; Pettus, T.R.R.; Hascall, T.; Danishefsky, S.J.; *Angew. Chem. Int. Ed*., 37 (**1998**) 185;

Stereoselective 1,3-Dipolar Cycloadditions to (S)-1-Benzoyl-3-(cyanomethylidene)-5-(methoxycarbonyl)pyrrolidin-2-one
Skof, M.; Svete, J.; Stanovnik, B.; Golic, L.; Golic-Grdadolnik, S.; Selic, L.; *Helv. Chim. Acta*, 81 (**1998**) 2332;

Synthesis and structures of 1,3,1′,3′-tetrabenzyl-2,2′-biimidazolidinylidenes (electron-rich alkenes), their aminal intermediates and their degradation products
Çetinkaya, B.; Çetinkaya, E.; Chamizo, J.A.; Hitchcock, P.B.; Jasim, H.A.; Küçükbay, H.; Lappert, M.F.; *J. Chem. Soc., Perkin Trans. 1*, (**1998**) 2047;

Ring expansion and contraction of a two-carbon bridged spiropentane
Wilberg, K.W.; Snoonian, J.R.; *J. Org. Chem.*, 63 (**1998**) 1390;

Molecular architecture. 2. Synthesis and metal complexation of heptacyclic terpyridyl molecular clefts
Bell, T.W.; Cragg, P.J.; Firestone, A.; Kwok, A.D.-I.; Liu, J.; Ludwig, R.; Sodoma, A.; *J. Org. Chem.*, 63 (**1998**) 2232;

4-(2,2-Dimethyldioxalan-4-yl)-5-(pterin-6-yl)-1,3-dithiol-2-ones proligands relating to the cofactor of the oxomolybdoenzymes
Dinsmore, A.; Garner, C.D.; Joule, J.A.; *Tetrahedron*, 54 (**1998**) 9559;

The synthesis and transformations of substituted 2-hydroxy-3-dimethylaminopropenoates. The preparation of condensed 3-hydroxypyran-2-ones
Smodis, J.; Stanovnik, B.; *Tetrahedron*, 54 (**1998**) 9799;

Solid phase synthesisof 5-aminopyrazoles and serivatives part II
Wilson, R.D.; Watson, S.P.; Richards, S.A.; *Tetrahedron Lett.*, 39 (**1998**) 2827;

Spiro-imidazo[1,2-a]indeno[1,2-e]pyrazine-4-one derivatives are mixed AMPA and NMDA glycine-site antagonists active in vivo
Jimonet, P.; Boireau, A.; Chevé, M.; Damour, D.; Genevois-Borella, A.; Imperato, A.; Pratt, J.; Randle, J.C.R.; Ribeill, Y.; Stutzmann, J.-M.; Mignani, S.; *Bioorg. Med. Chem. Lett.*, 9 (**1999**) 2921;

Stereoselective amination of 5-substituted γ-lactones and γ-lactams - a convenient route for the preparation of 5-substituted (3S,5S)-3-acetylaminotetrahydrofuran-2-ones and (3S,5S)-3-acetylaminopyrrolidin-2-ones
Skof, M.; Svete, J.; Kmetic, M.; Golic-Grdadolnik, S.; Stanovnik, B.; *Eur. J. Org. Chem.*; (**1999**) 1581;

Synthesis of Highly Soluble Annelated Polypyridines
Bejan, E.; Fontenas, C.; Aït-Haddou, H.; Daran, J.-C.; Balavoine, G.G.A.; *Eur. J. Org. Chem.*; (**1999**) 2485;

The synthesis of methyl 2-(benzyloxycarbonyl)amino-3-dimethylaminopropenoate. The synthesis of trisubstituted pyrroles, 3-amino-2*H*-pyran-2-ones, Fusem 2*H*-pyran-2-ones and 4*H*-pyridin-4-ones
Toplak, R.; Svete, J.; Stankovnik, B.; Grdadolnik, S.G.; *J. Heterocyclic Chem.*, 36 (**1999**) 225;

Attempts to prepare some 3-substituted azolo[1,2-*x*]azines, intermediates In the synthesis of azaaplysinopsin derivatives
Jukic, L.; Copar, A.; Malesic, M.; Krabavcic, A.; Svete, J.; Stankovnik, B.; *J. Heterocyclic Chem.*, 36 (**1999**) 1147;

Regioselective Preparation of N^7- and N^9-Alkyl Derivatives of N^6-[(Dimethylamino)methylene]adenine Bearing an Active Methylene Group and Their Further Derivatization Leading to α-Branched Acyclic Nucleoside Analogues
Hockova, D.; Budesinsky, M.; Marek, R.; Marek, J.; Holy, A.; *Eur. J. Org. Chem.*; (**1999**) 2675;

The total synthesis of eleutherobin
Chen, X.-T.; Bhattacharya, S.K.; Zhou, B.; Gutteridge, C.E.; Pettus, T.R.R.; Danishefsky, S.J.; *J. Am. Chem. Soc.*; 121 (**1999**) 6563;

Transformations of alkyl 2-(2,2-disubstituted-ethenyl)amino-3-dimethylaminoprop-2-enoates: synthesis of alkyl 3,4-disubstituted- and alkyl 1-acyl-3,4-disubstituted pyrrole-2-carboxylates
Selic, L.; Stanovnik, B.; *Synthesis*, (**1999**) 479;

An effective route to polysubstituted symmetric terpyridines
Sasaki, I.; Daran, J.C.; Balavoine, G.G.A.; *Synthesis*, (**1999**) 815;

Selective synthesis of β-substituted aspartic acids *via* tetrahydro-1,3-oxazin-6-ones
Burtin, G.; Corringer, P.-J.; Hitchcock,P.B.; Young, D.W.; *Tetrahedron Lett.*, 40 (**1999**) 4275;

The synthesis and vasopressin (AVP) antagonist activity of a novel series of n-aroyl-2,4,5,6-tetrahydropyrazolo[3,4-d]thieno[3,2-b]azepines
Albright, J.D.; Santos, E.G.D.; Dusza, J.P.; Chan, P.S.; Coupet, J.; Ru, X.; Mazandarani, H.; *Bioorg. Med. Chem. Lett.*, 10 (**2000**) 695;

Synthesis of New Soluble Annelated Polypyridines
Aït-Haddou, H.; Fontenas, C.; Bejan, E.; Daran, J.-C.; Balavoine, G.G.A.; *Eur. J. Org. Chem.*; (**2000**) 987

Synthesis of (2S)-2-(Benzoylamino)-3-(heteroaryl)propyl Benzoates
Skof, M.; Svete, J.; Stanovnik, B.; Golic-Grdadolnik, S.; *Helv. Chim. Acta*, 83 (**2000**) 760;

A Simple Stereoselective Synthesis of Aplysinopsin Analogs
Selic, L.; Jakse, R.; Lampic, K.; Golic, L.; Golic-Grdadolnik, S.; Stanovnik, B.; *Helv. Chim. Acta*, 83 (**2000**) 2802;

Tetrahydro-1,3-oxazin-6-ones as templates for the stereoselective synthesis of β-substituted L-aspartic acids
Burtin, G.; Corringer, P.-J.; Young, D.W.; *J. Chem. Soc., Perkin Trans. 1*, (**2000**) 3451;

Synthesis of 1,4,5,6-tetrahydropyrazolo[3,4-*d*]pyrido[3,2-*b*]azepine
Albright, J.D.; Du, X.; *J. Heterocyclic Chem.*, 37 (**2000**) 41;

Synthesis of transition state analogue inhibitors for purine nucleoside Phosphorylase and *N*-ribidose hydrolases
Evans, G.B.; Furneaux, R.H.; Gainsford, G.J.; Schramm, V.L.; Tyler, P.C.; *Tetrahedron*, 56 (**2000**) 3053;

New synthesis of 2-aminobicyclo[2.1.1]hexane-2,5-dicarboxylic acid-I (ABHxD-I), a potent metabotropic receptor agonist
Conti, P.; Kozikowski, A.P.; *Tetrahedron Lett.*, 41 (**2000**) 4053;

Synthetic studiem towards (+)-Dihydroampullicin. Michael addition of *N*-Boc-2-(*tert*-butyldimethylsiloxy)-3-methyl-pyrrole to α-methylene lactones
Marcos, I.; Rudero, E.; Bermejo, F.; *Tetrahedron Lett.*, 41 (**2000**) 8451;

NO-Independent stimulators of soluble guanylate cyclase
Straub, A.; Stasch, J.-P.; Alonso-Alija, C.; Benet-Buchholz, J.; Ducke, B.; Feurer, A.; Furstner, C.; *Bioorg. Med. Chem. Lett.*, 11 (**2001**) 781;

Synthesis of anticonvulsive AMPA antagonists - 4-Oxo-10-substituted-imidazo[1,2-a]indeno[1,2-e]pyrazin-2-carboxylic acid derivatives
Stutzmann, J.-M.; Bohme, G.A.; Boireau, A.; Damour, D.; Debono, M.W.; Genevois-Borella, A.; Jimonet, P.; Pratt, J.; Randle, J.C.R.; Ribeill, Y.; Vuilhorgne, M.; Mignani, S.; *Bioorg. Med. Chem. Lett.*, 11 (**2001**) 1205;

1,3-Dipolar cycloadditions to (5Z)-1-acyl-5-(cyanomethylidene)-imidazolidine-2,4-diones: synthesis and transformations of spirohydantoin derivatives
Groselj, U.; Drobnic, A.; Recnik, S.; Svete, J.; Stanovnik, B.; Golobic, A.; Lah, N.; Leban, I.; Meden, A.; Golic-Grdadolnik, S.; *Helv. Chim. Acta*, 84 (**2001**) 3403;

Synthesis of the organic ligand of the molybdenum cofactor, in protected form
Bradshaw, B.; Dinsmore, A.; Ajana, W.; Collison, D.; Garner, C.D.; Joule, J.A.; *J. Chem. Soc., Perkin Trans. 1*, (**2001**) 3239;

The synthesis and transformations of 2-[2-ethoxycarbonyl-2-(2-pyridinyl)ethenyl]amino-3-dimethylaminopropenoates. The synthesis of substituted β-amino-α,β-didehydro-α-amino acid derivatives
Jukic, L.; Recnik, S.; Grdadolnik, S.G.; Svete, J.; Stanovnik, B.; *J. Heterocyclic Chem.*, 38 (**2001**) 859;

Synthesis of (S)-3-heteroaryl-2-hydroxy-1-propyl benzoates by "Ring switching" methodology
Mihelic, D.; Jakse, R.; Svete, J.; Stanovnik, B.; Grdadolnik, S.G.; *J. Heterocyclic Chem.*, 38 (**2001**) 1307;

A New synthetic router to 3,4-bridged 1,6,6aλ^4-trithiapentalenes
Hang, W.; Henry, Y.; *Synlett*, (**2001**) 1129;

Enaminones acylation: competitive formation of quinolin-4-one and isoquinolin-1-one derivatives
Vales, M.; Lokshin, V.; Pepe, G.; Samat, A.; Guglielmetti, R.; *Synthesis*, (**2001**) 2419;

Asymmetric synthesis of α-amino acids from α,β-(*Z*)-didehydroamino acid derivatives with 1,2,3,6-tetrahydropyrazin-2-one structure
Abellan, T.; Mancheno, B.; Najera, C.; Sansano, J.M.; *Tetrahedron*, 57 (**2001**) 6627;

A simple synthesis of aplysinopsin analogues by dimethylamine substitution In *N*,*N*-(dimethylamino)methyldiene derivatives of five-membered heterocycles
Jakse, R.; Recnik, S.; Svete, J.; Golobic, A.; Golic, L.; Stanownik, B.; *Tetrahedron*, 57 (**2001**) 8395;

Extension of the "ring switch" approach to glutamate antagonists to δ-lactam urethanes
Coe, D.; Drysdale, M.; Philps, O.; West, R.; Young, D.W.; *J. Chem. Soc., Perkin Trans. 1*, (**2002**) 2459;

Synthesis of spirolactones by 1,3-dipolar cycloadditions to methyl (*S*)-3-[(*E*)-cyanomethylidene]-2-oxotetrahydrofuran-5-carboxylate
Pirc, S.; Recnik, S.; Škof, M.; Svete, J.; Golic, L.; Meden, A.; Stanovnik, B.; *J. Heterocyclic Chem.*, 39 (**2002**) 411

Synthesis of 1,2-dithiolane analogues of leucine for potential use in peptide chemistry
Morera, E.; Pinnen, F.; Lucente, G.; *Org. Lett.*, 4 (**2002**) 1139;

An Expedient Synthesis of Highly Functionalized Naphthyridones and Quinolines from a Common *N*-Aryl Pyridinone Template
Savarin, C.G.; Murry, J.A.; Dormer, P.G.; *Org. Lett.*, 4 (**2002**) 2071;

Practical synthesis of 8-acyl-7-alkyl-1,6-naphthyridin-5(6*H*)-ones
Vales, M.; Lokshin, V.; Pepe, G.; Guglielmetti, R.; Samat, A.; *Tetrahedron*, 58 (**2002**) 8543;

Stereoselective synthesis of (1*R*,3*R*,4*R*)-3-(1,2,4-triazolo[4,3-x]azin-3-yl)-1,7,7-trimethylbicyclo[2.2.1]heptan-2-ones
Groselj, U.; Recnik, S.; Svete, J.; Meden, A.; Stanownik, B.; *Tetrahedron: Asymmetry*, 13 (**2002**) 821;

Novel B-ring modified allocolchicinoids of the NCME series: design, synthesis, antimicrotubule activity and cytotoxicity.
Bergemann, S.; Brecht, R.; Buttner, F.; Guenard, D.; Gust, R.; Seitz, G.; Stubbs, M.T.; Thoret, S.; *Bioorg. Med. Chem.*, 11 (**2003**) 1269;

Total synthesis of ingenol
Tanino, K.; Onuki, K.; Asano, K.; Miyashita, M.; Nakamura, T.; Takahashi, Y.; Kuwajima, I.; *J. Am. Chem. Soc.*; 125 (**2003**) 1498;

Traceless solid phase synthesis of 2-substituted pyrimidines using an 'off-the-shelf' chlorogermane-functionalised resin.
Spivey, A.C.; Srikaran, R.; Diaper, C.M.; Turner, D.J.; *Org. Biomom. Chem.*, 1 (**2003**) 1638;

An alternative to the use of δ-lactam urethanes in the "ring switch" approach to higher homologues of AMPA-type glutamate antagonists.
Hitchcock, P.B.; Masood, S.R.; Young, D.W.; *Org. Biomom. Chem.*, 1 (**2003**) 2682;

Enamine-functionalized oligopyridines as convenient intermediates for the synthesis of carbaldehyde derivatives
Viau, L.; Senechal, K.; Maury, O.; Guegan, J.-P.; Dupau, P.; Toupet, L.; Le Bozec, H.; *Synthesis*, (**2003**) 577;

Electrochemical probing of ground state electronic interactions in polynuclear complexes of a new heteroditopic ligand
Konstable, E.C.; Figgemeier, E.; Housecroft, C.E.; Olsson, J.; Zimmermann, Y.C.; *Dalton Trans.*, (**2004**) 1918