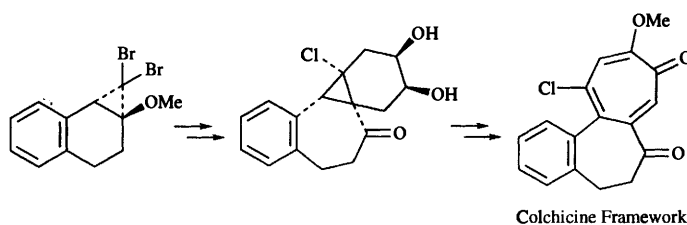


Communication

- 2217 Construction of the colchicine framework *via* two consecutive cyclopropane-mediated ring-expansion reactions

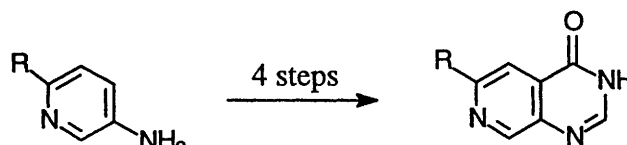
Martin G. Banwell, Mariana Berak and David C. R. Hockless



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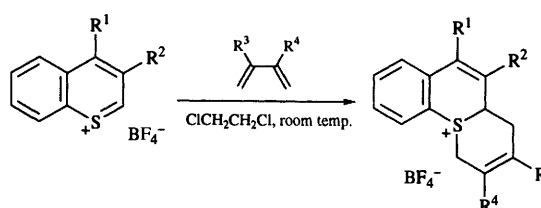
- 2221 Synthesis of 6-substituted pyrido[3,4-*d*]-pyrimidin-4(3*H*)-ones *via* directed lithiation of 2-substituted 5-aminopyridine derivatives

Gordon W. Rewcastle, William A. Denny, R. Thomas Winters, Norman L. Colbry and H. D. Hollis Showalter



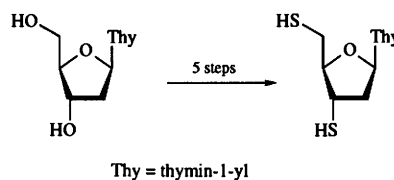
- 2227 Polar cycloaddition of 1-benzothiopyrylium salts with conjugated dienes and some transformations of the cycloadducts

Hiroshi Shimizu, Shojiro Miyazaki and Tadashi Kataoka



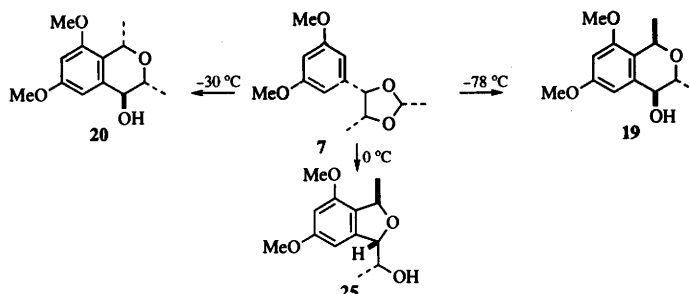
2237 Synthesis of 3',5'-dithiothymidine and related compounds

Alessandra Eleuteri, Colin B. Reese and Quanlai Song



2241 Stereoselective isomerisations of 4-(3',5'-dimethoxyphenyl)-2,5-dimethyl-1,3-dioxolanes. Temperature-dependent formation of either isochromanes or dihydroisobenzofurans

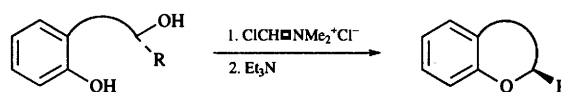
Robin G. F. Giles, Rodney W. Rickards and Badra S. Senanayake



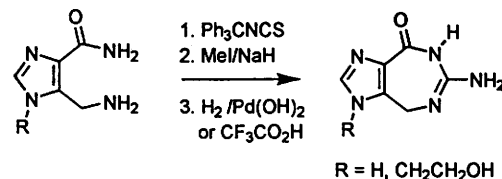
Dioxolane 7 isomerises diastereoselectively in high yield to afford mainly the isochromane 19 at $-78\text{ }^{\circ}\text{C}$, its C-1 epimer 20 at $-30\text{ }^{\circ}\text{C}$ and the dihydroisobenzofuran 25 at $0\text{ }^{\circ}\text{C}$

2249 Novel cyclodehydration reaction of hydroxyphenols. An alternative to the Mitsunobu reaction

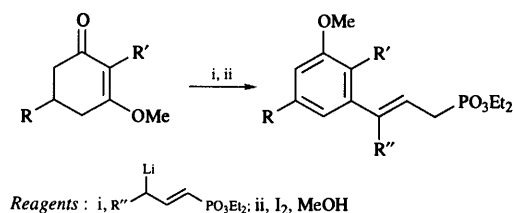
Panayiotis A. Procopiou, Alastair C. Brodie, Martyn J. Deal, David F. Hayman and Gary M. Smith

2257 6-Amino-1,8-dihydroimidazo[4,5-*e*][1,3]-diazepin-4(5*H*)-one, a ring expanded analogue of guanine

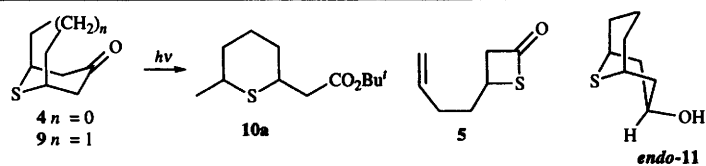
Peter K. Bridson, Huan Huang and Xiaoyan Lin

2261 Reaction of carbanions generated from allylic phosphonates with β -substituted cyclic enones

Malose J. Mphahlele and Tomasz A. Modro



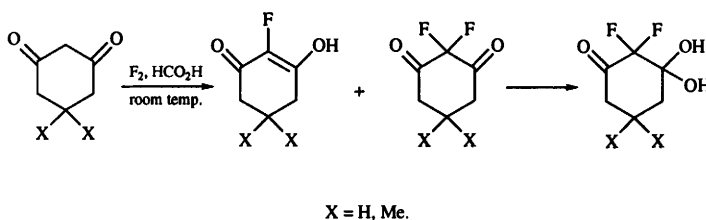
2265 Photochemical behaviour of ω -thiabicyclo-[3.*n*.1]alkan-3-one: a mechanistic and exploratory study



The principal reaction of 9 on irradiation in *tert*-butyl alcohol is the Norrish type I cleavage to yield compound 10a, while compound 4 gives ring-contracted thiolactone 5. Predominant formation of the *endo*-alcohol *endo*-11 upon direct irradiation in methanol is rationalized to the charge-transfer interaction between the sulfur and the carbonyl in the excited state

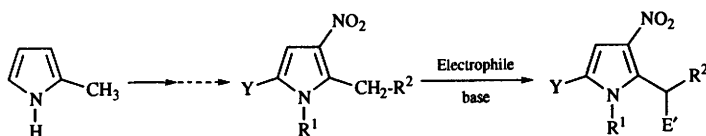
Osamu Muraoka, Bao-Zhong Zheng, Maiko Nishimura and Genzoh Tanabe

2271 Elemental fluorine. Part 6. Fluorination of cyclic 1,3-diketones and related compounds



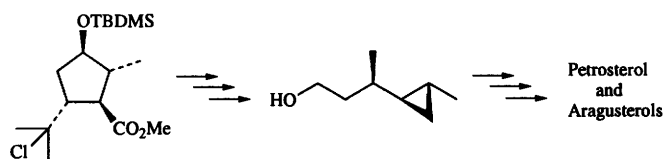
Richard D. Chambers, John Hutchinson, Andrei S. Batsanov, Christian W. Lehmann and Dimitrii Y. Naumov

2277 Synthesis and nucleophilic properties of 1,2-dialkyl-3-nitropyrroles and 1,5-dialkyl-4-nitropyrrole-2-carboxylic acid derivatives



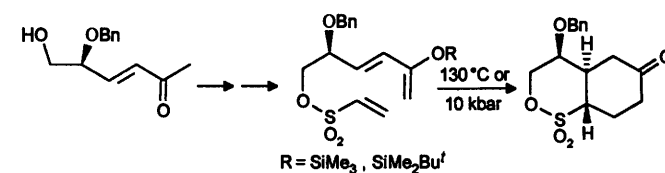
Antoni M. Molins-Pujol, Concepció Moranta, Carmina Arroyo, M. Teresa Rodríguez, M. Carmen Meca, M. Dolors Pujol and Joaquim Bonal

2291 Stereoselective synthesis of petrosterol and a formal synthesis of aragusterols



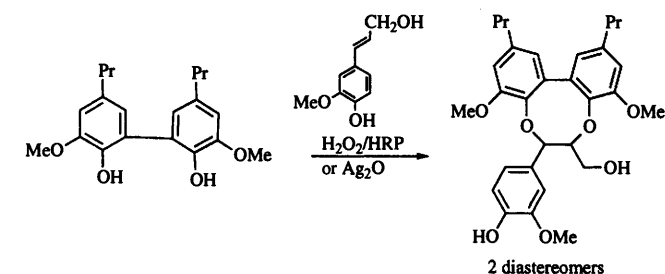
Toshio Honda, Miho Katoh and Shin-ichi Yamane

2297 Chiral dienes from enantiomerically pure enones. Highly stereoselective intramolecular Diels-Alder reaction involving ethenesulfonates



Guido Galley and Michael Pätzl

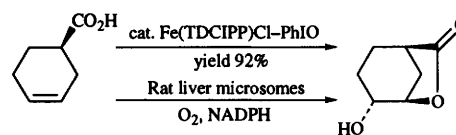
2303 Synthesis and crystal structure determination of model compounds for the dibenzodioxocine structure occurring in wood lignins



Pirkko Karhunen, Petteri Rummakko, Aarne Pajunen and Gösta Brunow

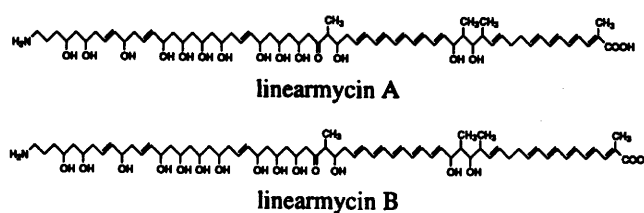
2309 Application of chemical P-450 model systems to studies on drug metabolism. Part X. Novel hydroxylactonization of γ,δ - and β,γ -unsaturated carboxylic acids with an iron porphyrin-iodosylbenzene system

Masakatsu Komuro, Tsunehiko Higuchi and Masaaki Hirobe



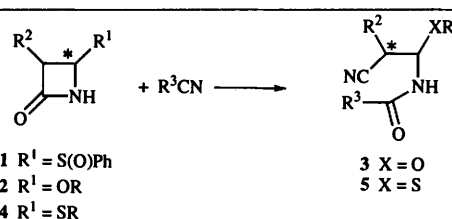
2315 Novel linear polyene antibiotics: linearmycins

Shohei Sakuda, Ursela Guce-Bigol, Mutsuhiro Itoh, Takashi Nishimura and Yasuhiro Yamada



2321 An unprecedented cleavage of the β -lactam ring: a novel synthesis of acyclic N,O - and N,S -acetals

Yasuyuki Kita, Norio Shibata, Noriyuki Kawano, Naoki Yoshida, Keita Matsumoto and Yasushi Takebe



4-Heteroatom substituted azetidones with trimethylsilyl alkoxide in the presence of a catalytic amount of Me_3SiOTf in acetonitrile give novel α -cyano- N,O -acetals

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Y. Moritani, T. Ukita, H. Ohmizu and T. Iwasaki

Analysis of the reactivity of the dithioacetal mono-*S*-oxides of 1-ethylsulfinyl-1-ethylthio-3,4-*O*-isopropylidene-D-erithroses under different conditions of reduction

Y. Arroyo-Gomez, J.A. Lopez-Sastre, J.F. Rodriguez-Amo and M.A. Sanz-Tejedor

An effective transgalactosylation catalysed by a lipid-coated β -D-galactosidase in organic solvents

Y. Okahata and T. Mori

A new route to 4-alkoxyquinazoline-2-carbonitriles

T. Besson and C.W. Rees

Syntheses of piperidine and perhydroazepine derivatives, precursors of two selective antagonists of muscarinic M2 receptors: AF-DX 384 and its perhydroazepine isomer

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Syntheses of 1-substituted furan-fused 3-sulfolenes and their Diels–Alder reactions

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Investigation of the configurational stability of lithiated phosphine oxides using diastereomerically pure and enantiomerically enriched phosphine oxides

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Investigation of a 'reverse' approach to extended porphyrin systems. Synthesis of a 2,3-diaminoporphyrin and its reactions with α -diones

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Synthesis of a chiral azodicarboxamide containing a bridging binaphthyl moiety: electrophilic amination reactions of achiral ester enolates

G.M. Harris, R. McDonald and J.C. Vederas

ν - η Insertion reactions of rhodium carbenoids. Part 1. Preparation of α -amino acid and α -aminophosphonic acid derivatives

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ν - η Insertion reactions of rhodium carbenoids. Part 2. Preparation of ν -substituted aminophosphonoacetates (ν -substituted phosphonylglycine esters)

L. Ferris, D. Haigh and C.J. Moody

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