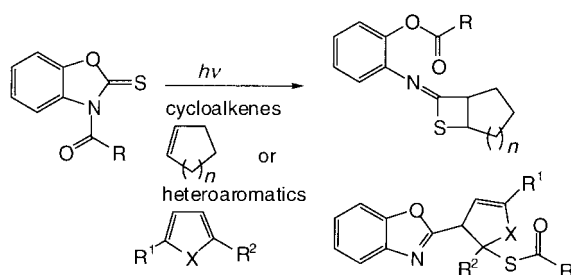


Contents

Photoaddition Reactions of Benzoxazole-2(3*H*)-thiones to Cycloalkenes and Heteroaromatics

*T. Nishio**, *K. Shiwa*, *M. Sakamoto*

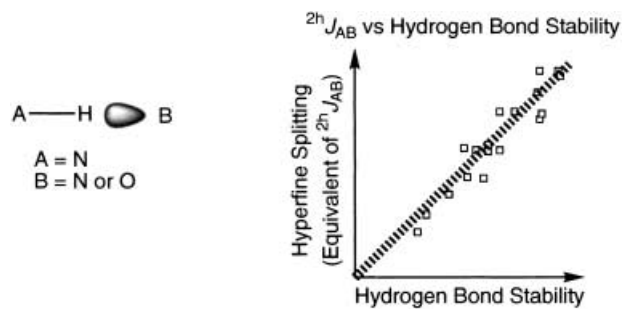
3255



A Theoretical Study of Correlation between Hydrogen-Bond Stability and *J*-Coupling through a Hydrogen Bond

S.-i. Kawahara, *C. Kojima*, *K. Taira*, *T. Uchimaru**

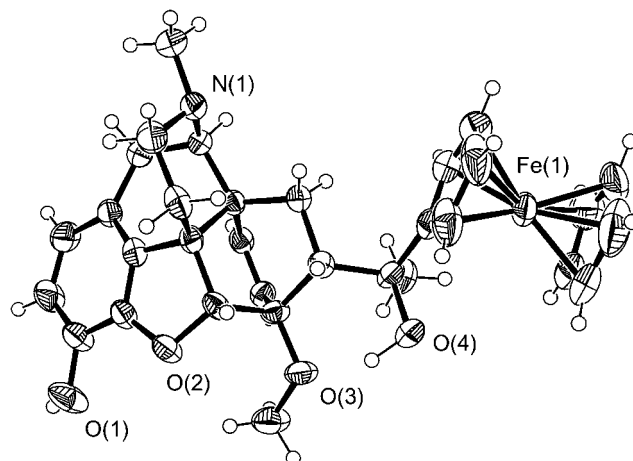
3265



Etorphine-Related Ferrocenyl-Substituted Morphinan Alkaloids

G. Laus, J. Schütz, H. Schottenberger*, M. Andre, K. Wurst, M. Spetea, K.-H. Ongania,
A. G. Müller, H. Schmidhammer*

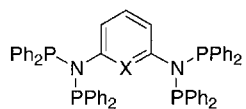
3274



The Synthesis, Characterisation, and Reactivity of Some Polydentate Phosphinoamine Ligands with Benzene-1,3-diyl and Pyridine-2,6-diyl Backbones

*N. Biricik, Z. Fei, R. Scopelliti, P. J. Dyson**

3281

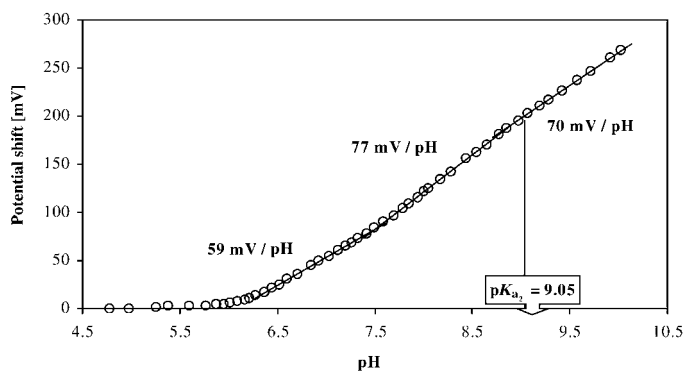


1 X = CH, 2 X = N

Challenges in Modelling and Optimization of Stability Constants in the Study of Metal Complexes with Monoprotonated Ligands
Part II: A Glass-Electrode Potentiometric and Polarographic Study of the Copper(II)/2-Hydroxy-3-[(2-hydroxy-1,1-dimethylethyl)amino]propane-1-sulfonic Acid (AMPSO)/Hydroxy System

C. M. M. Machado, I. Cukrowski*, H. M. V. M. Soares*

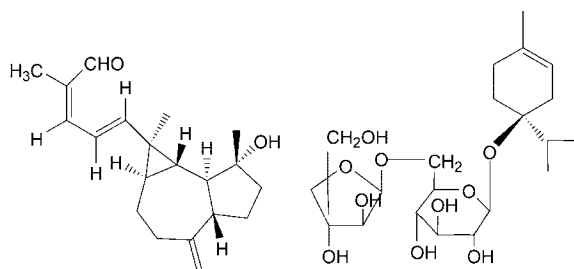
3288



A New Glycoside and a Novel-Type Diterpene from *Hemerocallis fulva* (L.) L.

Z.-d. Yang, H. Chen, Y.-c. Li*

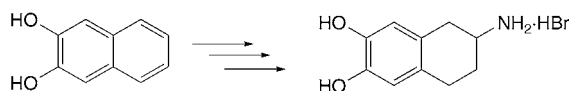
3305



A Concise Synthesis of 2-Amino-1,2,3,4-tetrahydronaphthalene-6,7-diol ('6,7-ADTN') from Naphthalene-2,3-diol

S. Göksu, C. Kazaz, Y. Sütbeyaz*, H. Seçen*

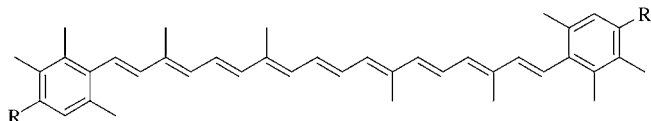
3310



New Synthesis of Natural Carotene Isorenieratene (ϕ,ϕ -Carotene) and its 3,3'-Dimethoxy Analogue

A. R. Valla*, D. L. Cartier, B. G. Valla, R. Y. Le Guillou, Z. R. Andriamialisoa, R. Labia, D. E. Breithaupt, S. M. Savy, A. Binet, L. H. Dufossé

3314



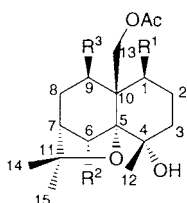
R=R'=H: ϕ,ϕ -carotene. R=H; R'=OH: 3-hydroxy- ϕ,ϕ -carotene

R=R'=OH: 3,3'-dihydroxy- ϕ,ϕ -carotene.

Antitumor Sesquiterpenes from *Euonymus nanoides*

H. Wang, X. Tian*, Y. Pan*

3320



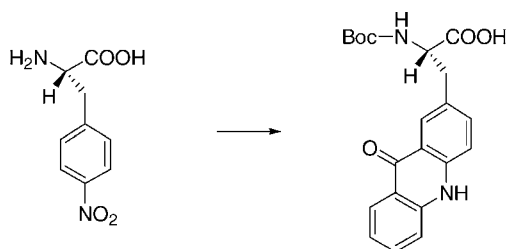
1) R¹ = FuO, R² = AcO, R³ = CinO

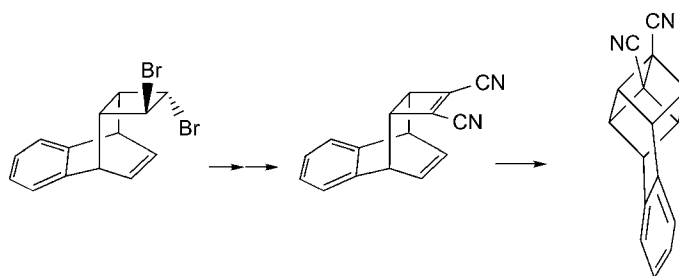
2 R¹ = R² = Bu(Me)O, R³ = BzO

Synthesis of *N*-[(*tert*-Butoxy)carbonyl]-3-(9,10-dihydro-9-oxoacridin-2-yl)-L-alanine, a New Fluorescent Amino Acid Derivative

A. Szymańska*, K. Wegner, L. Łankiewicz

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Transformation of Azadiradione to Nimbocinol and 17 β -Hydroxynimbocinol, and Structure–Pesticidal-Activity Relationship of Triterpenoids isolated from *Azadirachta indica* A. Juss. (Neem)

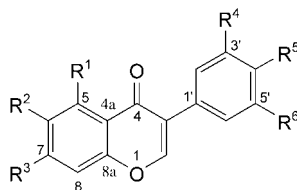
B. S. Siddiqui*, M. Rasheed, S. Faizi, Firdous, S. Tariq Ali, R. M. Tariq, S. N.-ul-H. Naqvi

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Isoflavonoid Glycosides from the Rhizomes of *Iris germanica*

Atta-ur-Rahman*, S. Nasim, I. Baig, I. Orhan, B. Sener, F. Ayanoglu, M. I. Choudhary*

3354



- 1 R¹ = R⁴ = OH, R² = R⁵ = MeO, R³ = OgluOglu
- 2 R¹ = R² = R³ = OH, R⁴ = R⁶ = H, R⁵ = OgluOglu
- 3 R¹ = MeO, R² = R³ = OCH₂O, R⁴ = R⁶ = H, R⁵ = OgluOglu
- 6 R¹ = MeO, R²-R³ = OCH₂O, R⁴ = R⁶ = H, R⁵ = Oglu

Photophysical and Photochemical Studies of Pyridoxamine

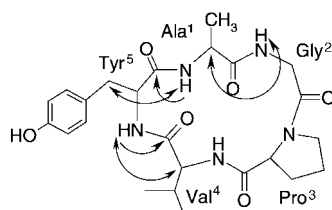
C. Bueno, M. V. Encinas*

3363

Cyclopeptides and Amides from *Pseudostellaria heterophylla* (Caryophyllaceae)

Y.-b. Yang, N.-h. Tan*, F. Zhang, Y.-q. Lu, M. He, J. Zhou

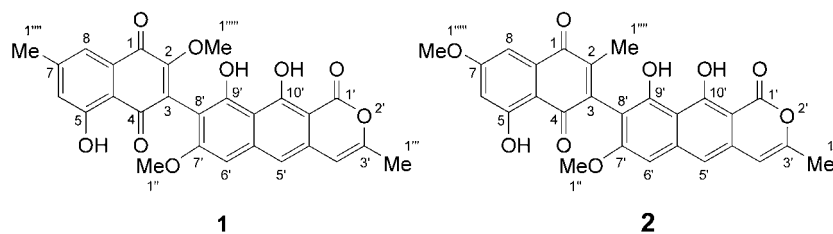
3376



Isolation, Structure, and HIV-1 Integrase Inhibitory Activity of Xanthoviridatin E and F, Two Novel Fungal Metabolites Produced by *Penicillium chrysogenum*

S. B. Singh*, D. L. Zink, Z. Guan, J. Collado, F. Pelaez, P. J. Felock, D. J. Hazuda

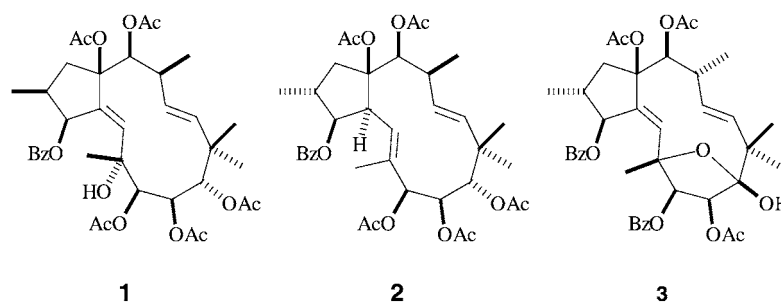
3380



Isolation and Structure Determination of New Jatropane Diterpenoids from *Euphorbia platyphyllos* L.

J. Hohmann*, P. Forgo, D. Csupor, G. Schlosser

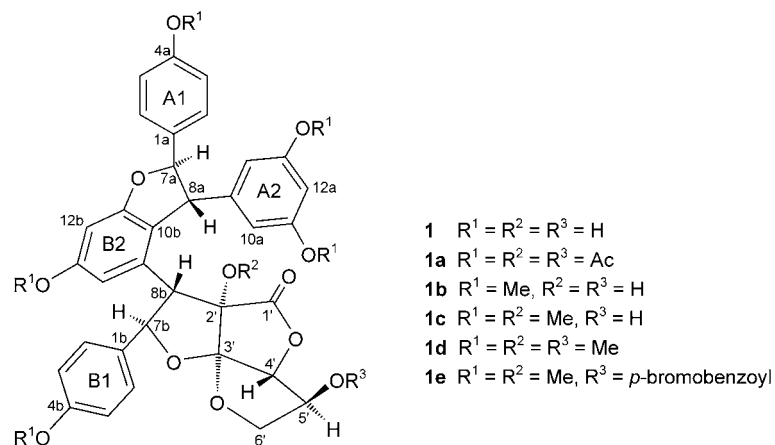
3386



A New Dimeric Stilbenoid with a Five-Membered Lactone Ring from *Shorea hemsleyana*

T. Ito*, T. Tanaka, M. Iinuma, K.-i. Nakaya, Y. Takahasi, H. Nakamura, H. Naganawa, S. Riswan

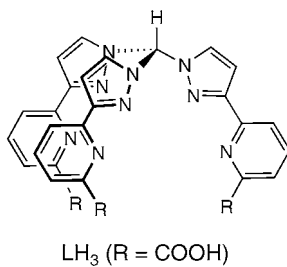
3394



Anionically Substituted 1,1',1''-Methylidynetris[1*H*-pyrazole] Ligands for the Formation of Neutral Lanthanide Complexes in Water: Synthesis, Characterization, and Photo-physical Properties

L. J. Charbonnière*, R. Ziessel*

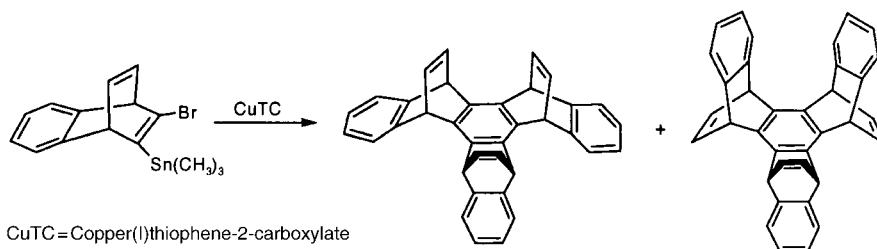
3402



Cyclotrimerization of Benzobarrelene: Synthesis of New Isomeric Barrelene Architectures

A. Daştan*, F. Fabris, O. De Lucchi, M. Güney, M. Balci

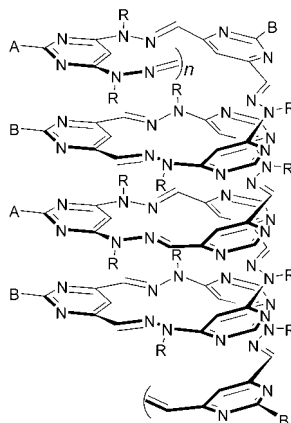
3411



Self-Assembly of Non-Biological Polymeric Strands Undergoing Enforced Helical Self-Organization

J.-L. Schmitt, J.-M. Lehn*

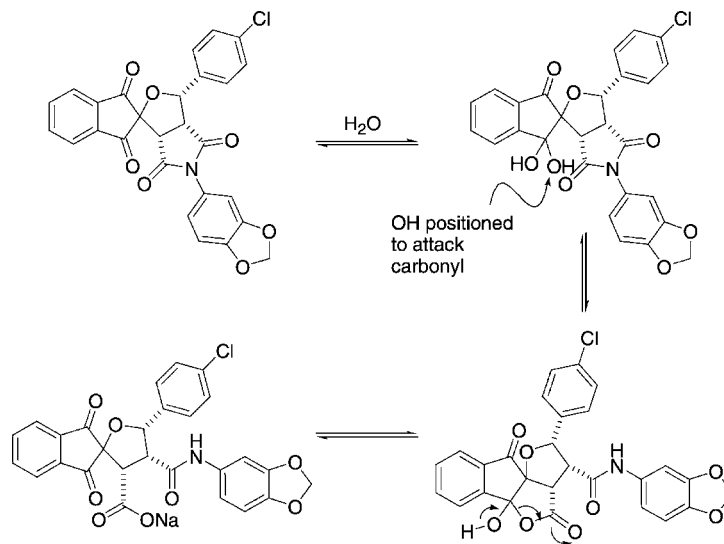
3417



Structure Elucidation of the First Inhibitors of Human Papillomavirus Type 11 E1–E2 Protein–Protein Interaction

C. Yoakim*, N. Goudreau, G. A. McGibbon, J. O'Meara, P. W. White, W. W. Ogilvie

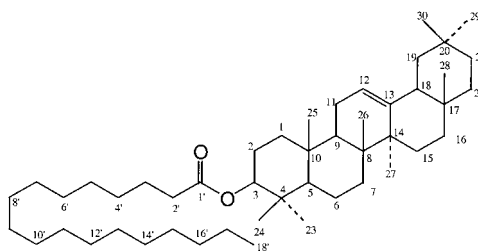
3427



3 β -(Stearyloxy)olean-12-ene from *Austroplenckia populnea*: Structure Elucidation by 2D-NMR and Quantitative ¹³C-NMR Spectroscopy

S. A. V. Filho, L. P. Duarte, G. D. F. Silva*, O. W. Howarth, I. S. Lula

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Microbial Transformation of Isolongifolen-4-one

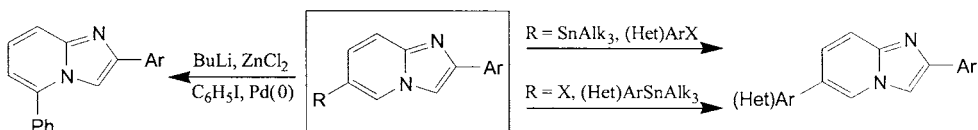
M. I. Choudhary*, S. G. Musharraf, M. T. H. Khan, D. Abdelrahman, M. Parvez,
F. Shaheen, Atta-ur-Rahman

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Comparative Study on the Reactivity of 6-Haloimidazo[1,2-*a*]pyridine Derivatives
towards Negishi- and Stille-Coupling Reactions

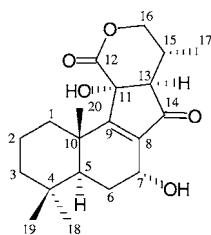
M. Hervet, I. Théry, A. Gueiffier*, C. Enguehard-Gueiffier

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Micranthin C, a Novel 13(12 → 11)abeo-Abietanoid from *Isodon lophanthoids*
var. *micranthus*

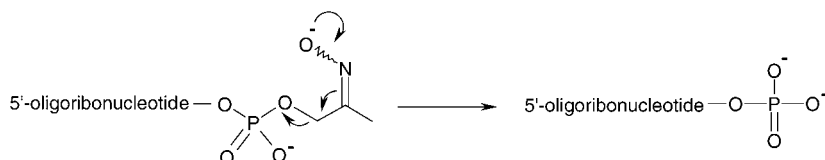
A.-H. Zhao, S.-H. Li, Q.-S. Zhao, Z.-W. Lin, H.-D. Sun*, Y. Lu, L.-L. Zhang, Q.-T. Zheng 3470



A Novel Oxime-Derived Solid Support for the Synthesis of 3-Phosphorylated Oligonucleotides

S. M. Langenegger, L. Moesch, F. Natt, J. Hall, R. Häner*

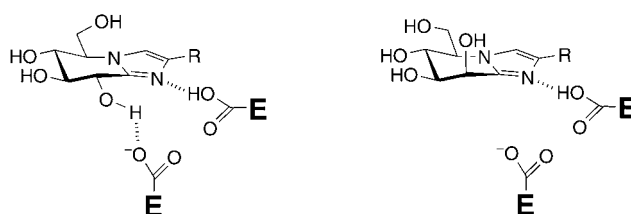
3476



Synthesis of *C*(2)-Substituted *manno*-Configured Tetrahydroimidazopyridines and Their Evaluation as Inhibitors of Snail β -Mannosidase

M. Terinek, A. Vasella*

3482

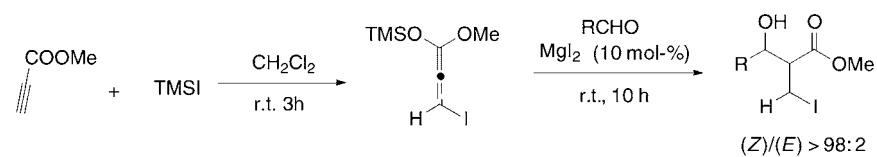


Comparison of the SAR for the β -glucosidases from *Caldocellum saccharolyticum* and from sweet almonds on the one hand, and the SAR for the β -mannosidase from snail suggest no significant differences of mechanism for these glycosidases.

The Aldol Reaction of Allenolates with Aldehydes in the Presence of Magnesium Diiodide (MgI_2) as Catalyst

G.-H. Deng*, H. Hu, H.-X. Wei, P. W. Paré

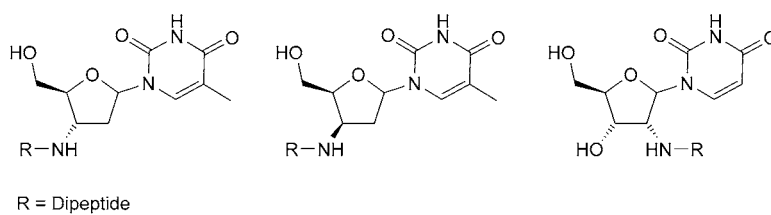
3510



Solid-Phase Synthesis of Dipeptide-Conjugated Nucleosides and Their Interaction with RNA

G. Dong, L. Zhang*, L. Zhang

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* Author to whom correspondence should be addressed
Korrespondenzautor