Graphical abstracts

Synthesis and biological activity of α-aminoboronic acids, amine-carboxyboranes and their derivatives

Tetrahedron 59 (2003) 579

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A convenient synthesis of phosphonothioic acids

Tetrahedron 59 (2003) 595

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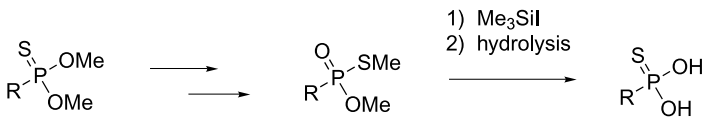

NMR and X-ray analyses of triethyl 3,7,11-triphenylcyclononа[1,2-*b*;4,5-*b*′;7,8-*b*″]tripyrrole-2,6,10-tricarboxylate: reinvestigation of crown vs saddle conformation of cyclononatripyrroles

Tetrahedron 59 (2003) 601

Hidemitsu Uno,[a,*] Yumiko Fumoto,[b] Kentarou Inoue[b] and Noboru Ono[b,*]

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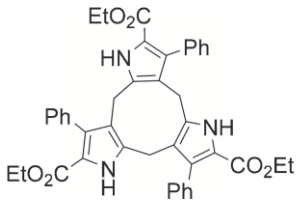
CNTP (**1**) existed as a crown form in $CDCl_3$ or showed rapid interconversion in C_6D_5N, while the saddle conformation was observed in crystalline states.



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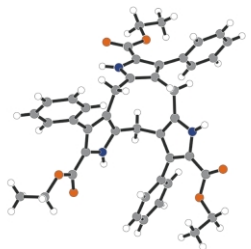

Synthesis of carba-analogues of myoseverin by regioselective cross-coupling reactions of 2,6-dichloro-9-isopropylpurine

Tetrahedron 59 (2003) 607

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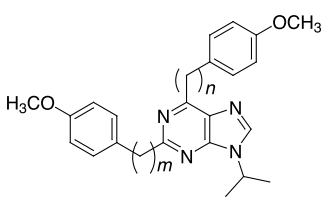

$^{-}$OH-Induced shift from carbon to oxygen acidity in the side-chain deprotonation of 2-, 3- and 4-methoxybenzyl alcohol radical cations in aqueous solution: results from pulse radiolysis and DFT calculations

Tetrahedron 59 (2003) 613

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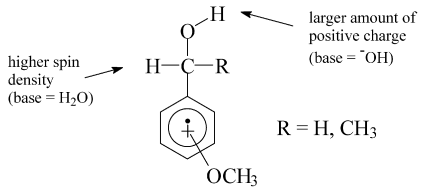

A simple synthetic approach to homochiral 6- and 6′-substituted 1,1′-binaphthyl derivatives

Tetrahedron 59 (2003) 619

Heiko Hocke and Yasuhiro Uozumi*

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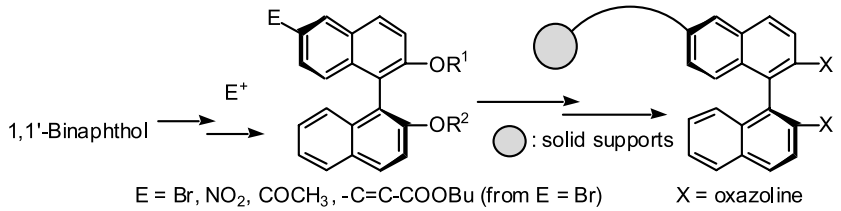

Design and synthesis of hyaluronan-mimetic gemini disaccharides

Tetrahedron 59 (2003) 631

Suri S. Iyer,[a,b] Shyam M. Rele,[a,b] S. Baskaran[a,b] and Elliot L. Chaikof[a,b,*]

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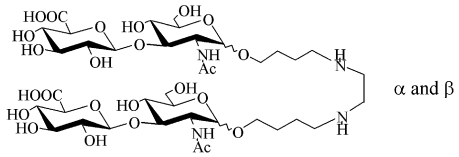
A strategy for the synthesis of hyaluronan mimetics based upon dimerized disaccharides of GlcA-β-(1→3)-GlcNAc is described.



Synthesis of redox active large macrocyclic hosts and the recognition of secondary ammonium salts

Tetrahedron 59 (2003) 639

Tatsuya Nabeshima,* Daisuke Nishida and Toshiyuki Saiki

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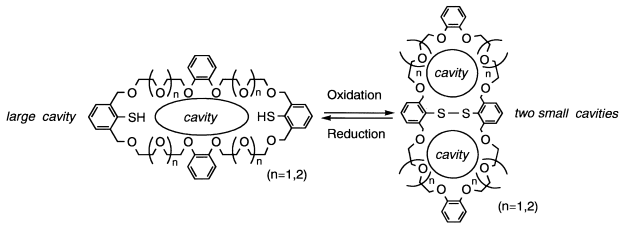

Microwave-assisted oxidation of alcohols using Magtrieve™

Tetrahedron 59 (2003) 649

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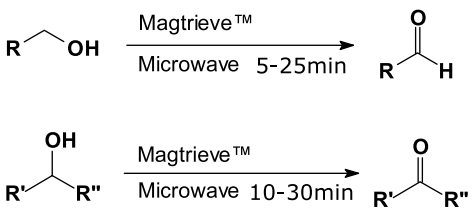

Solution-phase parallel synthesis of 4,6-diaryl-pyrimidine-2-ylamines and 2-amino-5,5-disubstituted-3,5-dihydro-imidazol-4-ones via a rearrangement

Tetrahedron 59 (2003) 655

László Varga, Tamás Nagy, István Kövesdi, Jordi Benet-Buchholz, György Dormán, László Ürge and Ferenc Darvas*

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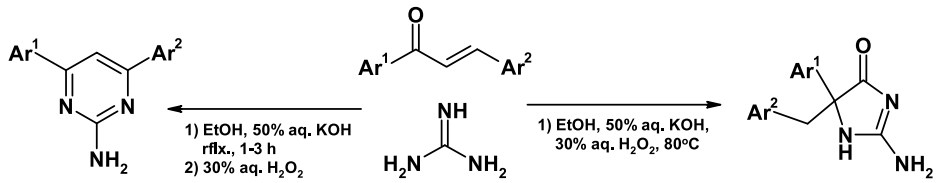

The Baylis–Hillman chemistry in aqueous media: elucidation of mechanism for synthesis of ether side-product leads to an efficient approach to C–O bond formation

Tetrahedron 59 (2003) 663

A. Patra,[a] A. K. Roy,[a] B. S. Joshi,[b] R. Roy,[b] S. Batra[a,*] and A. P. Bhaduri[a]

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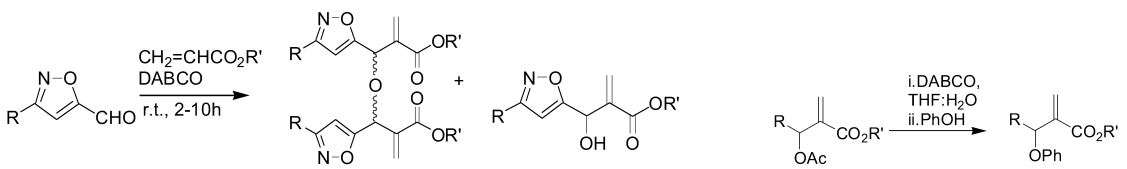

Rapid synthesis of (±)-*r*-7-benzyloxymethyl-cyclopenta-*cis*-[4,5][1,3]-oxazolo[3,2-*a*]pyrimidinones versatile carbocyclic nucleoside precursors

Tetrahedron 59 (2003) 671

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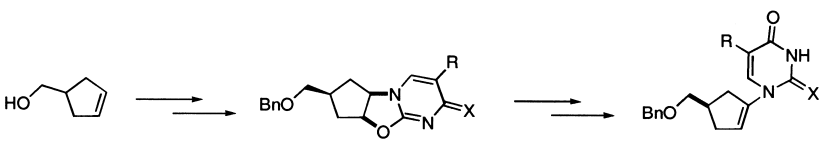

8 R=CH_3, X=O
9 R=H, X=O
10 R=H, X=NH

Experimental and theoretical investigations for the regio and stereoselective transformation of *trans* 1,2,3-trisubstituted aziridines into *trans* oxazolidin-2-ones

Tetrahedron 59 (2003) 677

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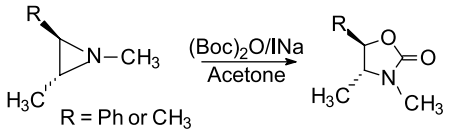

Synthesis and absolute configuration of (−)-chettaphanin I and (−)-chettaphanin II

Tetrahedron 59 (2003) 685

I. S. Marcos,* F. A. Hernández, M. J. Sexmero, D. Díez, P. Basabe, A. B. Pedrero, N. García and J. G. Urones

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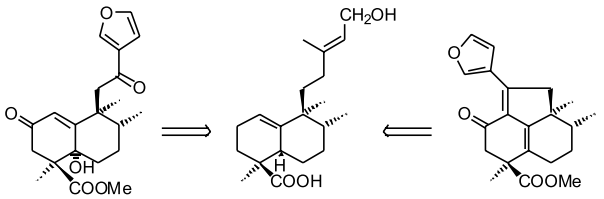
The absolute configuration of chettaphanin I and II has been established by synthesis from *ent*-halimic acid.



chettaphanin I ***ent-halimic acid*** ***chettaphanin II***