



Tetrahedron Vol. 69, Issue 20, 2013

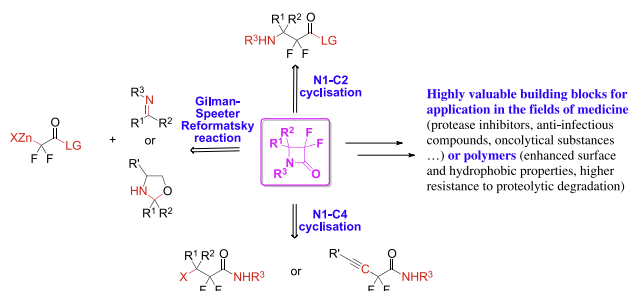
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3,3-*gem*-Difluorinated- β -lactams: synthesis pathways and applications

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Thomas Orbegozo, Fabrice Burel, Philippe Jubault*, Xavier Pannecoucke*

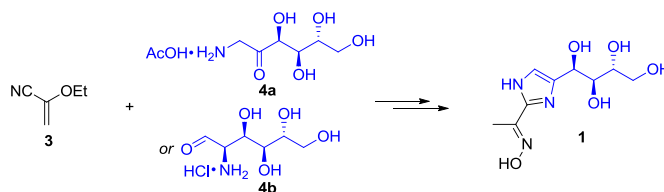


ARTICLES

Practical synthesis of potent sphingosine-1-phosphate lyase inhibitors THI and LX2931

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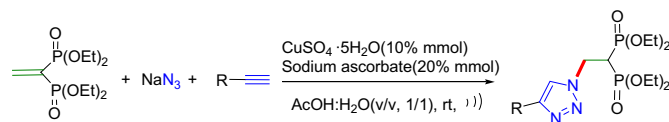
Haiming Zhang*, Jie Yan, Mark S. Bednarz, Gonzalo Hernandez, Yuelie Lu, Lawrence F. Courtney, Jason Chen, Weifeng Hu, Renmao Liu, Xiaogen Yang, Wenxue Wu*



Simple, efficient one-pot method for synthesis of novel *N*-attached 1,2,3-triazole containing bisphosphonates

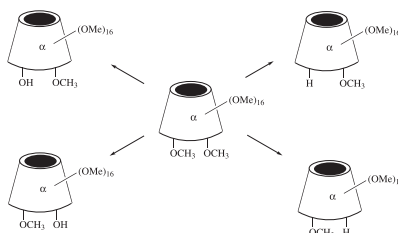
pp 4047–4052

Xiaolan Chen*, Xu Li, Jinwei Yuan, Lingbo Qu*, Shaohui Wang, Hanyu Shi, Yuchun Tang, Likun Duan

**Synthesis of four mono-functionalized α -cyclodextrin derivatives for further confirming DIBAL-H-promoted bis-de-O-methylation mechanism**

pp 4053–4060

Sulong Xiao, Ming Yang, Fei Yu, Lihe Zhang, Demin Zhou*, Pierre Sinaÿ, Yongmin Zhang*

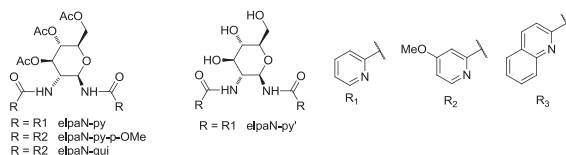


Four mono-functionalized α -cyclodextrin derivatives were designed and synthesized to further study mechanism of DIBAL-H promoted secondary rim regioselective bis-de-O-methylation of permethylated CDs.

**Expanding the scope of the elpaN-type library: glucose-derived bis(pyridine-2-carboxamide) ligands (elpaN-Py) for molybdenum-catalyzed asymmetric allylic alkylations**

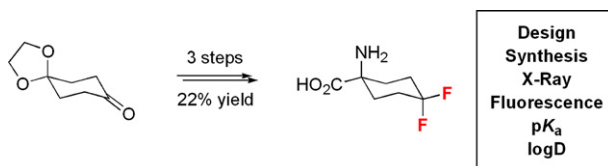
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Matteo Lega, Rosario Figliolia, Christina Moberg*, Francesco Ruffo*

**1-Amino-4,4-difluorocyclohexanecarboxylic acid as a promising building block for drug discovery: design, synthesis and characterization**

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Pavel K. Mykhailiuk*, Viktoriia Starova, Vladimir Iurchenko, Svitlana V. Shishkina, Oleg V. Shishkin, Oleksandr Khilchevskyi, Olga Zaporozhets



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