



Tetrahedron Vol. 65, No. 5, 2009

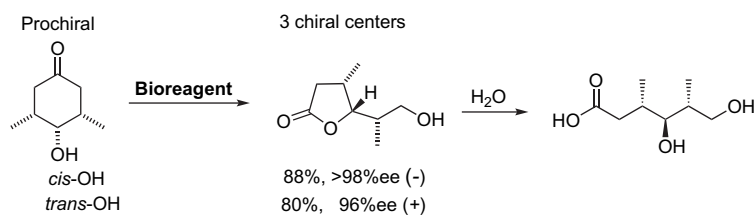
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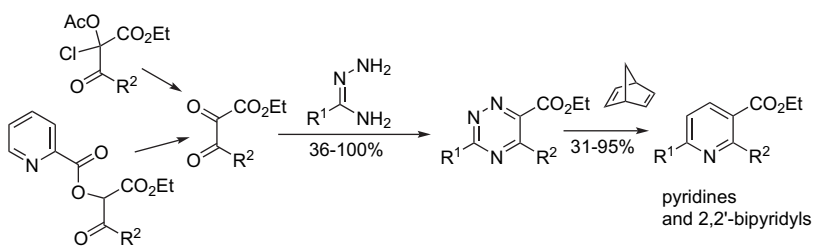


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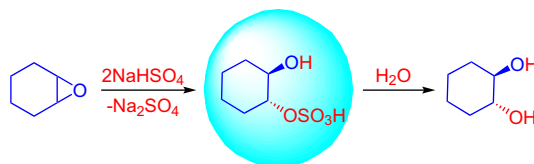
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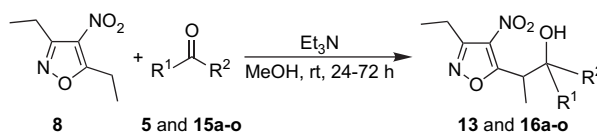
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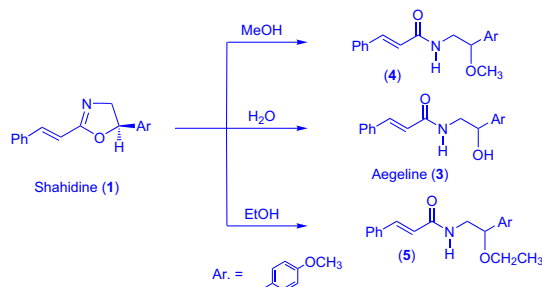
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Mauro F.A. Adamo*, Suriseti Suresh


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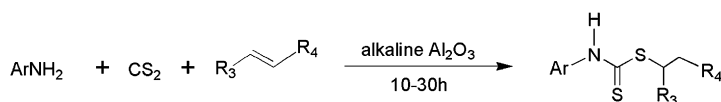
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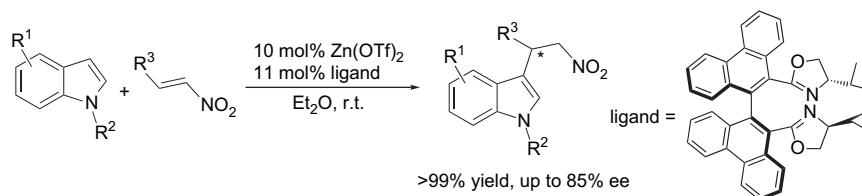
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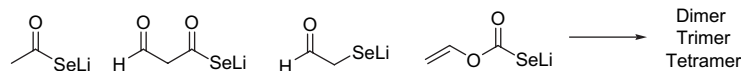
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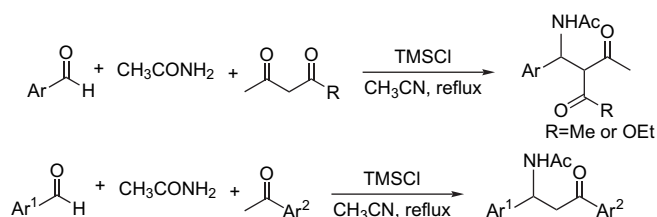
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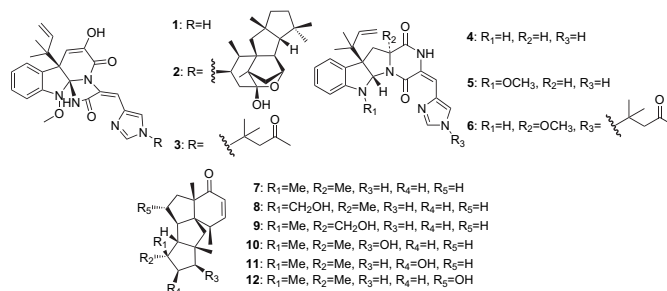
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New alkaloids and diterpenes from a deep ocean sediment derived fungus *Penicillium* sp.

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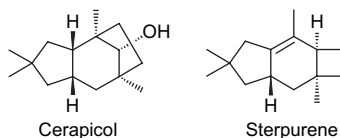
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Protoilludane sesquiterpenes: synthesis of (±)-cerapicol, formal synthesis of (±)-sterpurene, and synthesis and absolute configuration of (+)-cerapicol

pp 1040–1047

Nizar El-Hachach, Ralf Gerke, Mathias Noltemeyer, Lutz Fitjer*

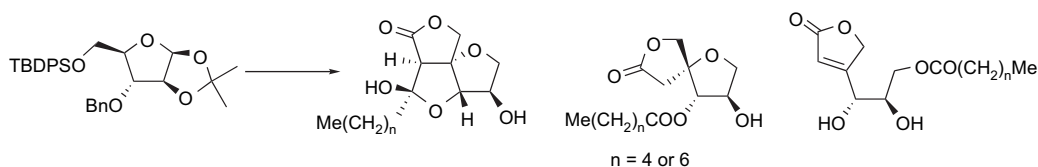


New approaches to the protoilludane sesquiterpenes (±)-cerapicol and (±)-sterpurene via rearrangement routes are described. The absolute configuration of (+)-cerapicol has been determined.


Efficient synthesis of syringolides, secosyrins, and syributins through a common approach

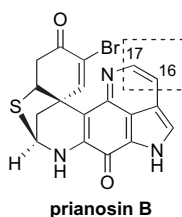
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Anastasia-Aikaterini C. Varvogli, Ioannis N. Karagiannis, Alexandros E. Koumbis*


The first total synthesis of prianosin B

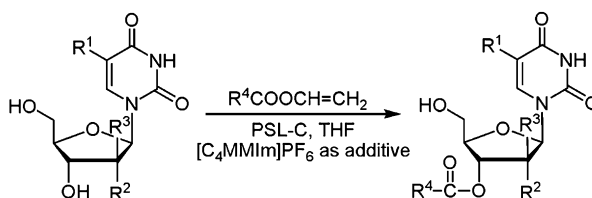
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Yasufumi Wada, Kouji Otani, Noriko Endo, Yu Harayama, Daigo Kamimura, Masako Yoshida, Hiromichi Fujioka*, Yasuyuki Kita*


Regioselective acylation of nucleosides and their analogs catalyzed by *Pseudomonas cepacia* lipase: enzyme substrate recognition

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Ning Li, Min-Hua Zong*, Ding Ma*

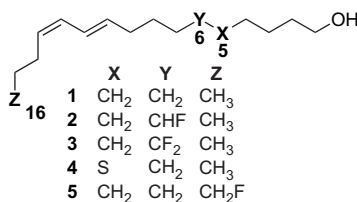


The substrate recognition of PSL-C in the acylation of nucleosides was revealed through rational substrate engineering for the first time. A deep understanding on the interactions between the lipase and the substrates on a molecular level was attempted. These findings would help us in controlling the regioselectivity of the synthetically useful enzyme via chemical modification and protein engineering.



Design and synthesis of bombykol analogues for probing pheromone-binding protein–ligand interactions**pp 1069–1076**

Madina Mansurova, Vojtěch Klusák, Petra Nešněrová, Alexander Muck, Jan Doubský, Aleš Svatoš*

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*Corresponding author

Supplementary data available via ScienceDirect

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ISSN 0040-4020