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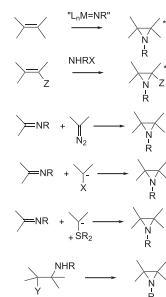
REPORT

Recent developments in asymmetric aziridination

Hélène Pellissier

pp 1509–1555

This review is intended to update the most recent developments of asymmetric aziridination in numerous reaction types, such as nitrene transfer to alkenes, carbene transfer to imines, cyclisation reactions, aza-Darzens reactions, ylide-mediated aziridinations and miscellaneous reactions, covering the literature from 2003 to 2009. In addition to the development of a great number of aziridinations based on the use of chiral auxiliaries, the spectacular expansion of novel chiral catalysts, including the especially attractive chiral organocatalysts, is well illustrated. review clearly demonstrates the diversity and power of asymmetric aziridination in the field of synthetic organic chemistry.

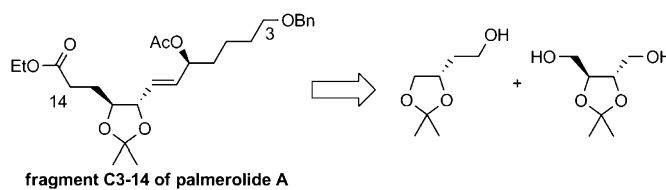


ARTICLES

Synthesis of the C3–14 fragment of palmerolide A using a chiral pool based strategy

Matthew D. Lebar, Bill J. Baker*

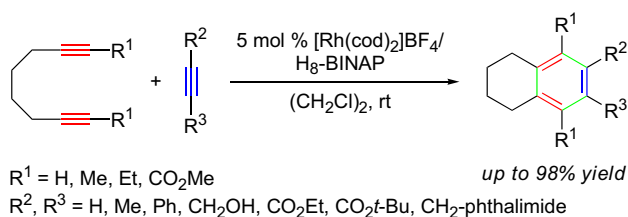
pp 1557–1562



Rhodium-catalyzed convenient synthesis of functionalized tetrahydronaphthalenes

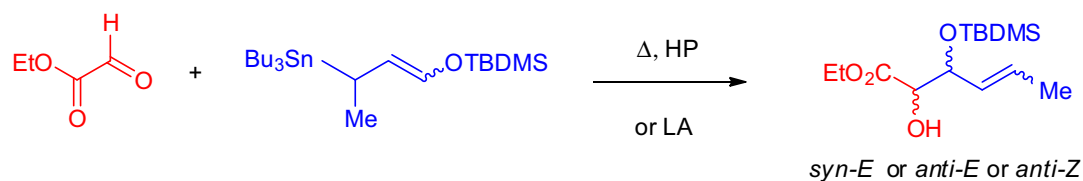
pp 1563–1569

Ken Tanaka*, Yayoi Sawada, Yusuke Aida, Maliny Thammathevo, Rie Tanaka, Hiromi Sagae, Yousuke Otake

**Addition of γ -silyloxyallyltins on ethyl glyoxylate: evaluation of the influence of the experimental conditions on the stereochemical course of the reaction**

pp 1570–1580

Alexandre Lumbroso, Piotr Kwiatkowski, Anna Blonska, Erwan Le Grogneq, Isabelle Beaudet, Janusz Jurczak*, Sławomir Jarosz*, Jean-Paul Quintard*



Using appropriate experimental conditions, adducts *syn-E*, *anti-E*, *anti-Z*, were obtained selectively and in good yields. The results were rationalized on the basis of open and cyclic transition states.


**Stereoselective synthesis of 2,3-epoxy alcohols mediated by a remote sulfinyl group**

pp 1581–1585

José Luis García Ruano*, Ana M. Martín-Castro*, Francisco Tato, Esther Torrente, M. Giovanna Tocco, Saverio Florio*, Vito Capriati



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 Supplementary data available via ScienceDirect



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