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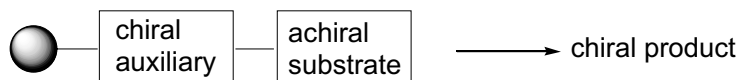
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REPORT

Chiral auxiliaries in polymer-supported organic synthesis

pp 387–399

Cecilia Wan Ying Chung and Patrick H. Toy*

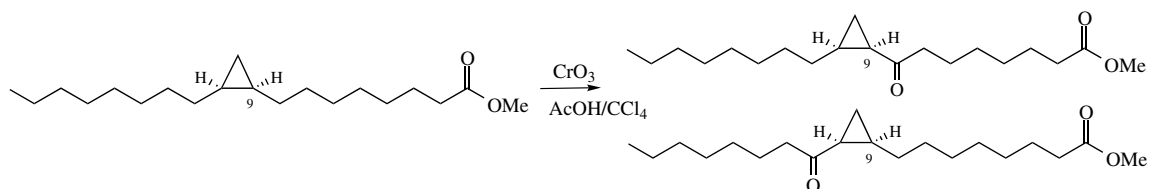


COMMUNICATION

The absolute configuration of methyl dihydrosterculate: an unusual phyt fatty acid isolated from the seed oil of *Litchi chinensis*

pp 401–403

Laura J. Stuart and Peter H. Buist*

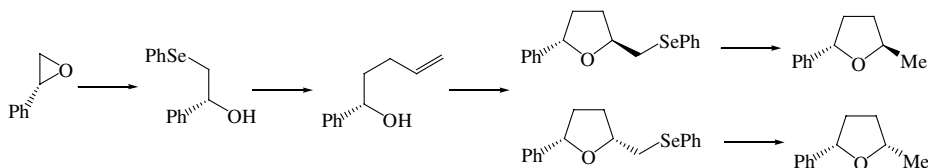


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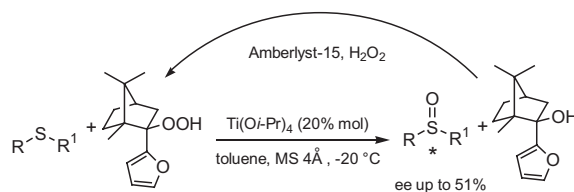
Synthesis of enantiomerically pure substituted tetrahydrofurans from epoxides and phenylselenium reagents

pp 405–412

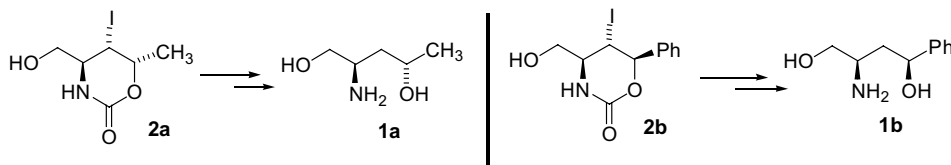
Marcello Tiecco,* Lorenzo Testaferri, Luana Bagnoli, Valentina Purgatorio, Andrea Temperini, Francesca Marini and Claudio Santi



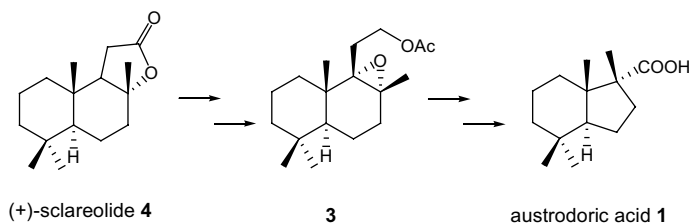
Alessandra Lattanzi,* Patrizia Iannece and Arrigo Scettri



M. Eugenia González-Rosende,* J. Miquel Jordá-Gregori, José Sepúlveda-Arques and Mario Orena

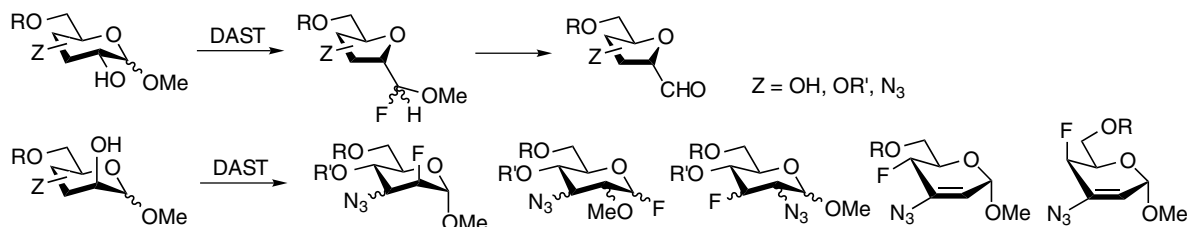


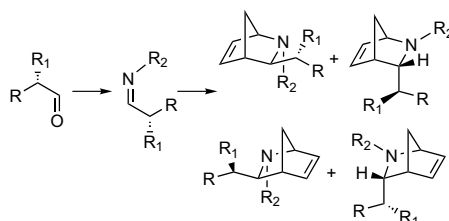
Veaceslav Kulcitki, Nicon Ungur, Margherita Gavagnin,* Marianna Carbone and Guido Cimino



The first enantiospecific synthesis of marine nor-sesquiterpene austrodoric acid **1** has been achieved by ring contraction of the suitable homo-drimane epoxide **3** obtained from commercial (+)-sclareolide **4**. The absolute stereochemistry of natural austrodoric acid has now been established as reported by comparison with synthetic sample.

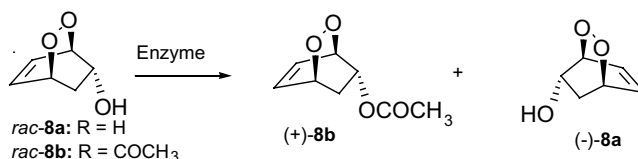
Yolanda Vera-Ayoso, Pastora Borrachero, Francisca Cabrera-Escribano,* Ana T. Carmona and Manuel Gómez-Guillén



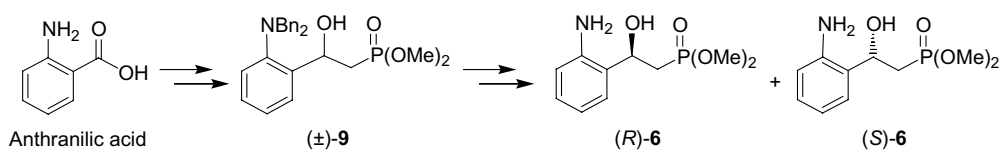


The preparation of nitrogen-containing bicycles by the aza-Diels–Alder reaction of nonactivated iminodienophiles and cyclopentadiene is described. The influence of different Lewis acids on the stereoselectivity of the aza-Diels–Alder reaction was also investigated.

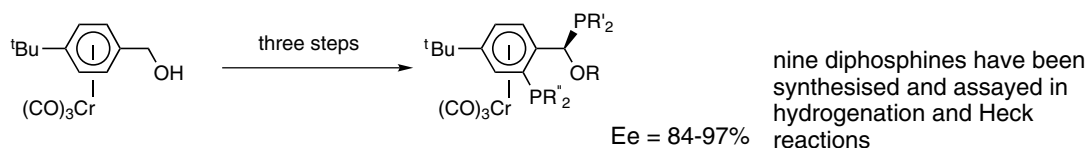
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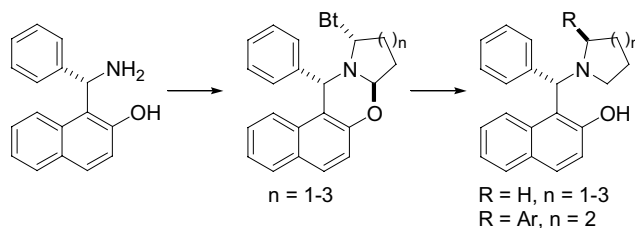


Novel planar chiral diphosphines and their application in asymmetric hydrogenations and asymmetric Heck reactions



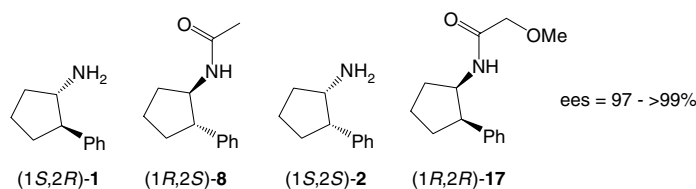
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Xuenong Xu, Jun Lu, Yanmei Dong, Rui Li, Zongming Ge and Yuefei Hu*



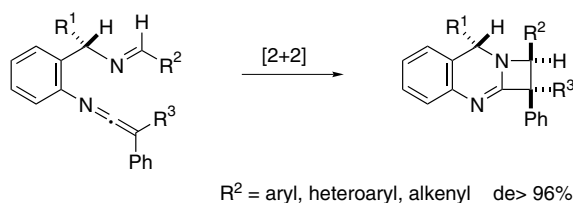
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Javier González-Sabín, Vicente Gotor* and Francisca Rebolledo*



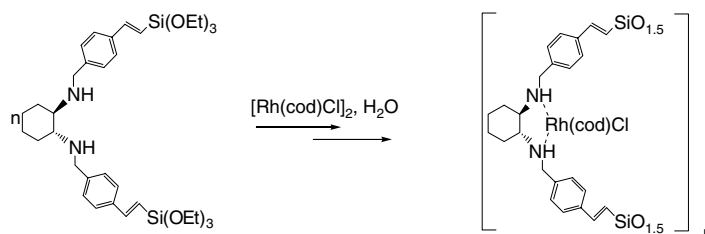
Stereocontrolled synthesis of azeto[2,1-*b*] quinazolines bearing three stereocenters via the intramolecular [2+2] cycloaddition between ketenimines and imines**pp 489–494**

Mateo Alajarin,* Angel Vidal, Fulgencio Tovar and M. Carmen Ramírez de Arellano



Chiral hybrid silica: sol–gel heterogenisation of *trans*-(1*R*,2*R*)-diaminocyclohexane ligands for the rhodium catalysed enantioselective reduction of acetophenone**pp 495–502**

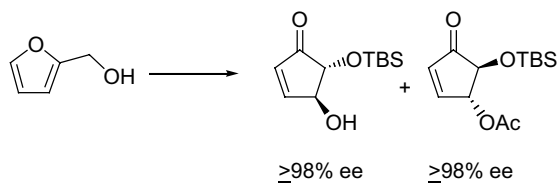
Anne Brethon, Joël J. E. Moreau* and Michel Wong Chi Man



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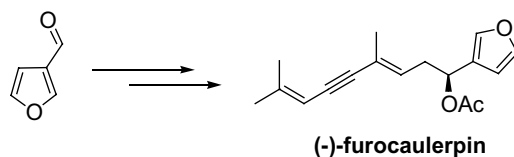
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Concise enantioselective synthesis of furocaulerpin

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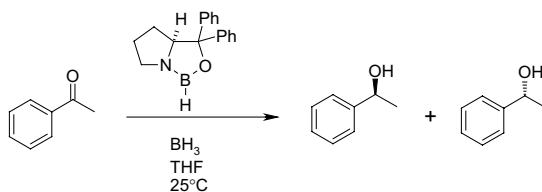
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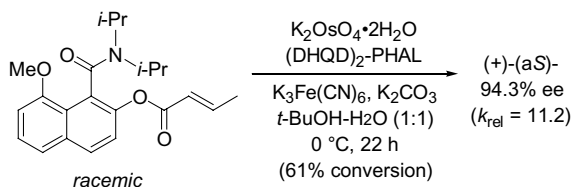
Marcel Hoogenraad, Guido M. Klaus, Niels Elders, Simone M. Hooijschuur, Ben McKay, Alan A. Smith and Eric W. P. Damen*



Synthesis of atropisomeric 2,8-dioxygenated *N,N*-diisopropyl-1-naphthamides via kinetic resolution under Sharpless asymmetric dihydroxylation conditions

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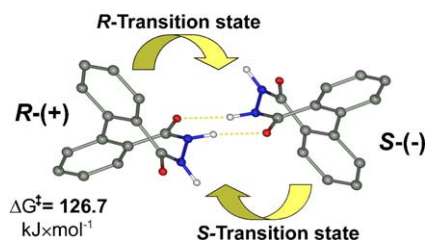
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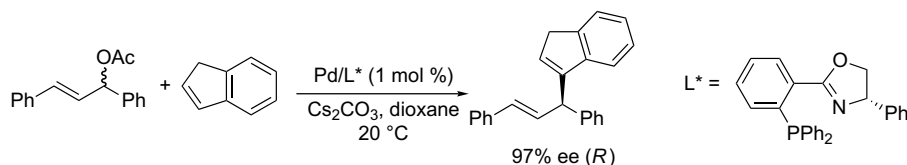
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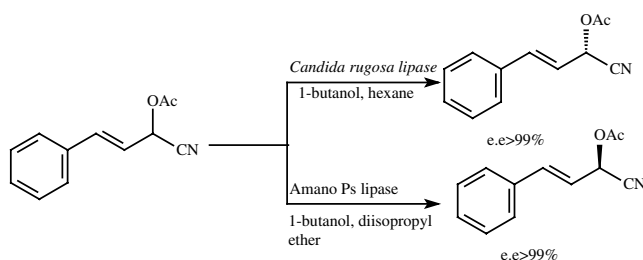
Tamio Hayashi,* Toshimasa Suzuka, Atsushi Okada and Motoi Kawatsura



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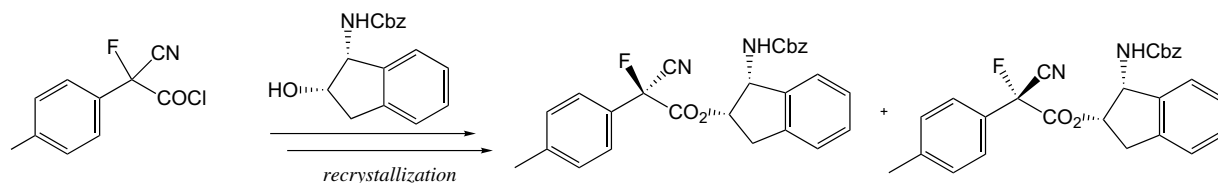
Nitin W. Fadnavis,* Kasiraman R. Radhika and Kallakunta Vasantha Madhuri

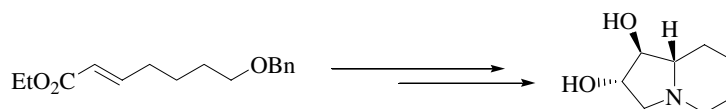


An efficient procedure for the resolution of α -cyano- α -fluoro-*p*-tolylacetic acid (CFTA) via the diastereomeric *N*-carbobenzoyloxy-*cis*-1-amino-2-indanol esters

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Tomoya Fujiwara, Masaki Sasaki, Kenji Omata, Chizuko Kabuto, Kuninobu Kabuto* and Yoshio Takeuchi





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