

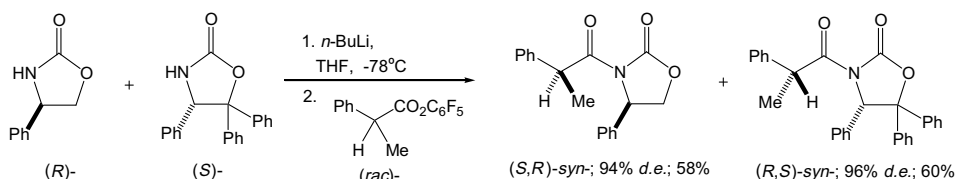
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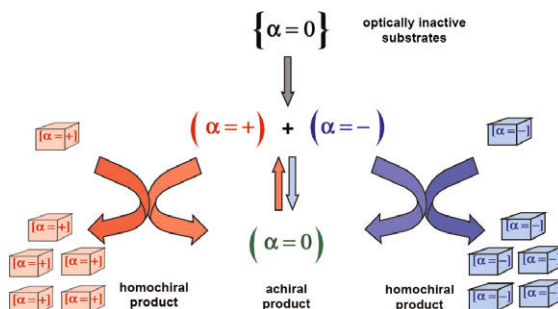
- Parallel kinetic resolution of active esters using a *quasi*-enantiomeric combination of (*R*)-4-phenyl-oxazolidin-2-one and (*S*)-4,5,5-triphenyl-oxazolidin-2-one** pp 2223–2233

Elliot Coulbeck, Jason Eames *



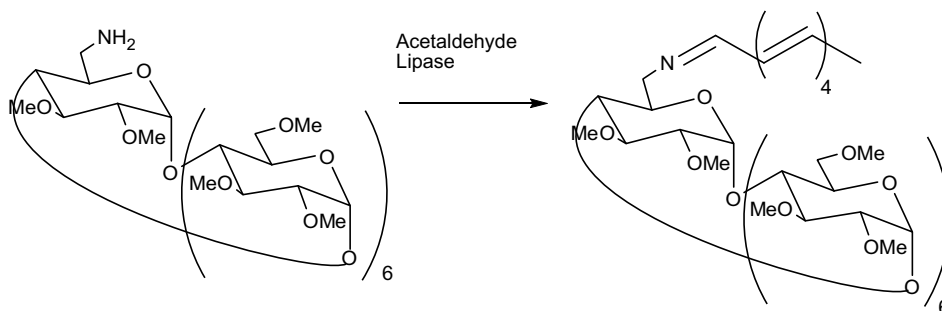
- Asymmetric autocatalysis: crystallization-induced highly enantioselective synthesis of a conglomerating oxo-rhenium(V) complex** pp 2234–2239

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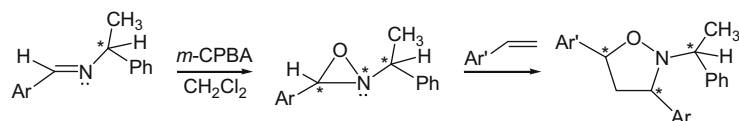
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Chiral oxaziridines in the enantioselective synthesis of isoxazolidines

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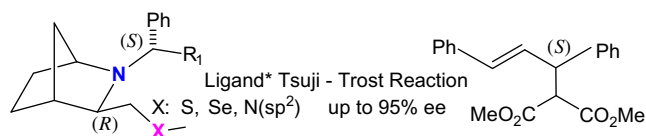
Luigino Troisi *, Sara De Lorenzis, Marilena Fabio, Francesca Rosato, Catia Granito



Chelating 2-azanobornyl derivatives as effective nitrogen–nitrogen and nitrogen–chalcogen donating ligands in palladium-catalyzed asymmetric allylic alkylation

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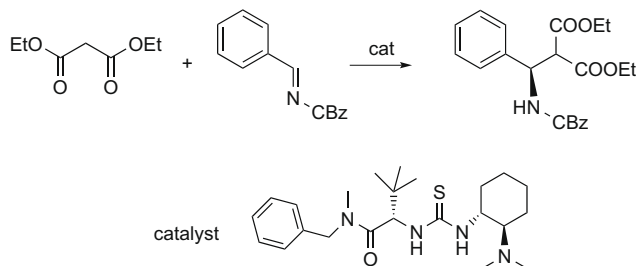
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Stereoselective nucleophilic addition to imines catalyzed by chiral bifunctional thiourea organocatalysts

pp 2258–2264

Alessandra Puglisi, Maurizio Benaglia *, Rita Annunziata, Davide Rossi

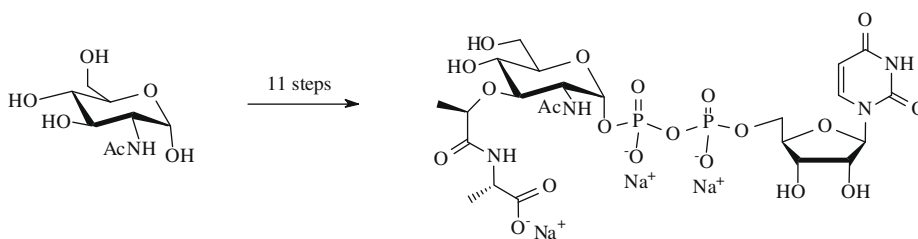


Bifunctional organic catalysts obtained by combination of (*S*)-*t*-leucine-derivatives with (1*R*,2*R*)-*trans*-1,2-diamino-cyclohexane were able to promote the addition of acetylacetone to β -nitrostyrene in 85% ee and the reaction between *N*-Cbz imines and diethyl malonate in up to 71% ee.

Total synthesis of uridine diphosphate-*N*-acetylmuramoyl-*L*-alanine

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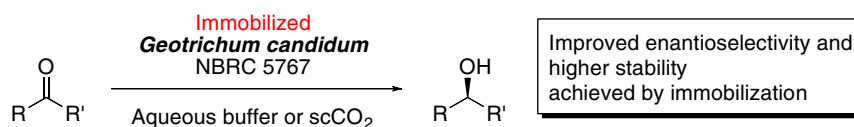
Andrej Babič *, Slavko Pečar



Asymmetric reduction of ketones by *Geotrichum candidum*: immobilization and application to reactions using supercritical carbon dioxide

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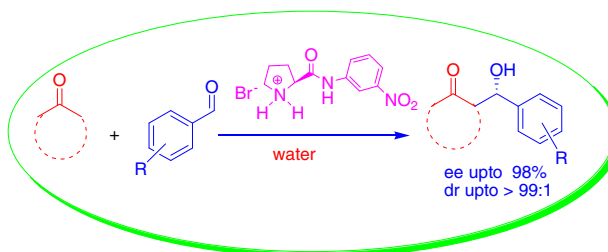
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Swapandeep Singh Chimni *, Sarbjit Singh, Dinesh Mahajan

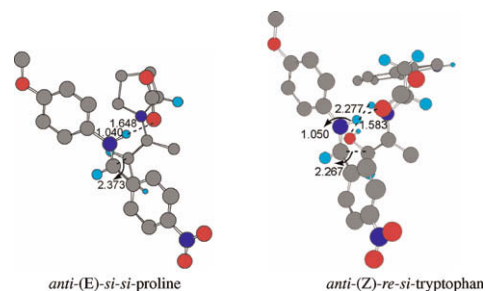


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Aiping Fu *, Hongliang Li, Hongzong Si, Shuping Yuan, Yunbo Duan

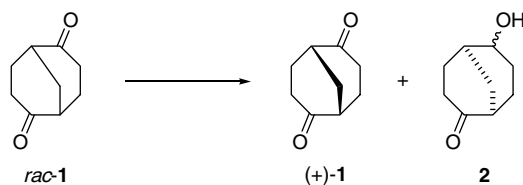
The most stable transition states of the crucial C–C bond-forming step for the proline- and tryptophan-catalyzed direct Mannich reaction involving hydroxyacetone, *p*-anisidine, and *p*-nitrobenzaldehyde.



Genetically engineered *Saccharomyces cerevisiae* for kinetic resolution of racemic bicyclo[3.3.1]nonane-2,6-dione

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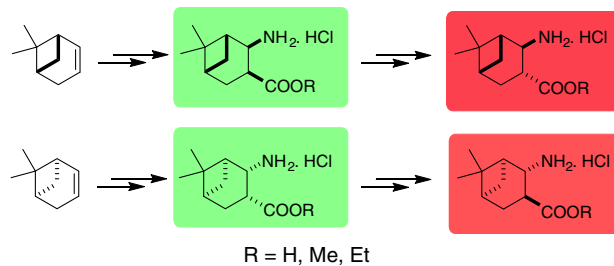
Magnus Carlquist, Carl-Johan Wallentin, Kenneth Wärnmark *, Marie F. Gorwa-Grauslund *



Regio- and stereoselective synthesis of constrained enantiomeric β -amino acid derivatives

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Zsolt Szakonyi, Tamás A. Martinek, Reijo Sillanpää, Ferenc Fülöp *

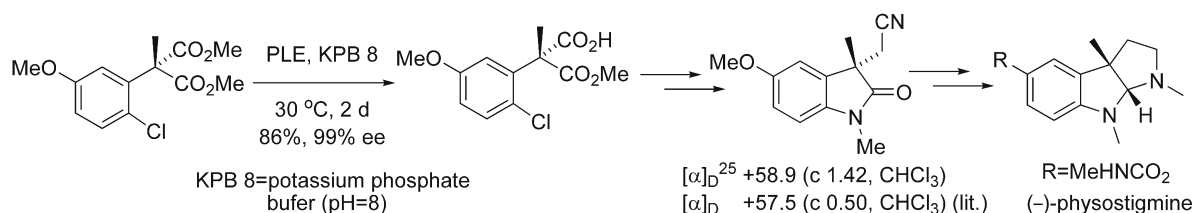


Chlorosulfonyl isocyanate addition to (–)- and (+)-apopinene furnished monoterpene-fused β -lactams in highly regio- and stereospecific reactions, which were easily converted to β -amino acids and their protected derivatives. The base-catalyzed isomerization of the *cis*-amino ester afforded the corresponding *trans*-amino acid enantiomers in excellent yields.

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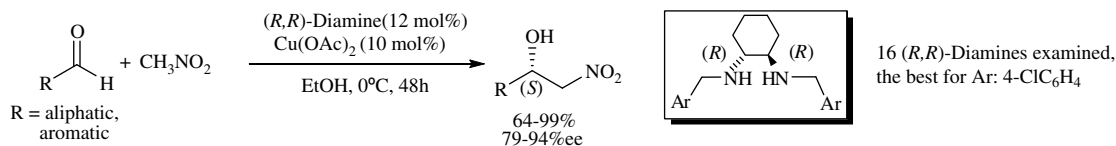
Kaori Asakawa, Naoyoshi Noguchi, Shingo Takashima, Masahisa Nakada *



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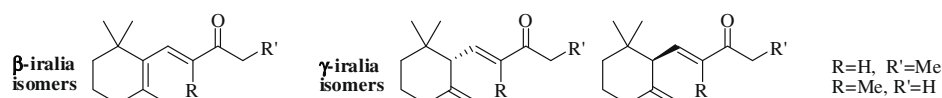
Rafał Kowalczyk, Łukasz Sidorowicz, Jacek Skarzewski *



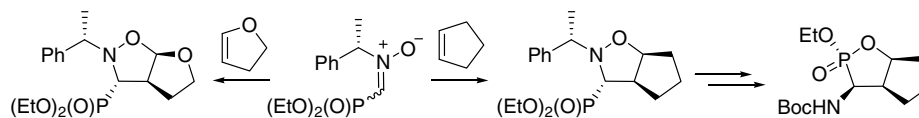
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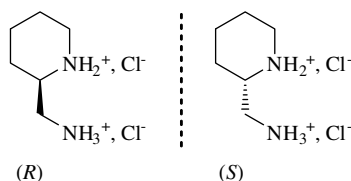
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ISSN 0957-4166