



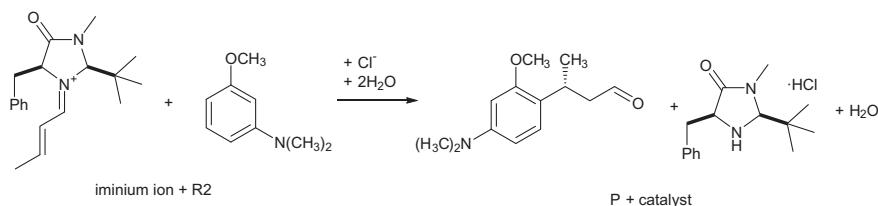
Tetrahedron: Asymmetry Vol. 24, No. 1, 2013

Contents

ARTICLES

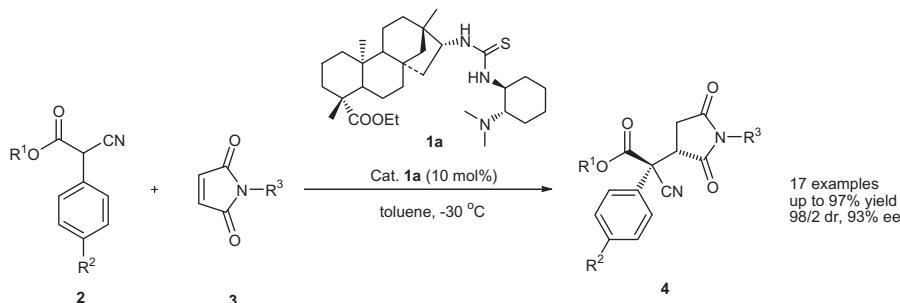
Theoretical study of the imidazolidinone catalyzed 1,4-addition of *N,N*-dimethyl-3-anisidine with α,β -unsaturated butyric aldehyde pp 1–6

Zhang Lili, Zhou Zhongjun, Jiang Haiyang, Liu Huiling*, Huang Xuri



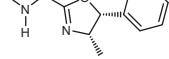
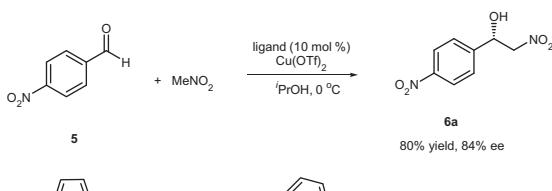
Thiourea-catalyzed asymmetric conjugate addition of α -substituted cyanoacetates to maleimides pp 7–13

Zhi-wei Ma, Ya Wu, Bin Sun, Hai-long Du, Wei-min Shi, Jing-chao Tao*

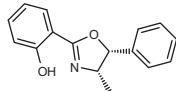


Asymmetric Henry reactions catalyzed by metal complexes of chiral oxazoline based ligands pp 14–22

A. Ebru Aydin*, Seda Yuksekdanaci



(4S,5R)-3a

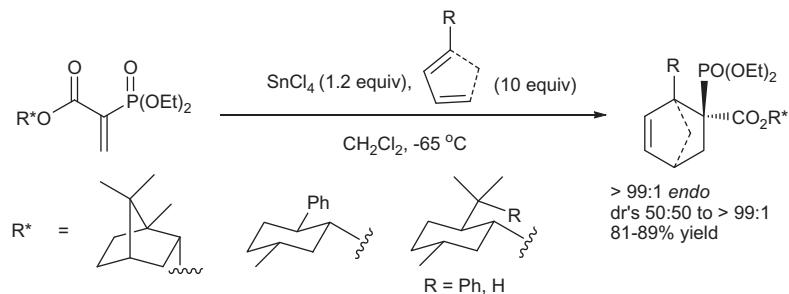


(4S,5R)-4a

Lewis acid mediated asymmetric Diels–Alder reactions of chiral 2-phosphonoacrylates

pp 23–36

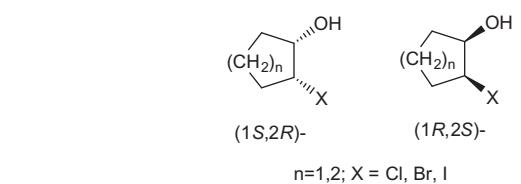
Jia-Liang Zhu*, Po-Erh Chen, Hue-Wen Huang



Enzymatic preparation of (1*S*,2*R*)- and (1*R*,2*S*)-stereoisomers of 2-halocycloalkanols

pp 37–42

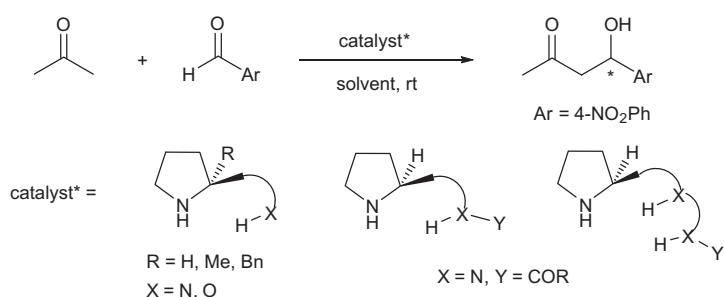
Olga O. Kolodiazhnaya, Anastasy O. Kolodiazhnaya, Oleg I. Kolodiazhnnyi*



Systematic evaluation of a few proline derivatives as catalysts for a direct aldol reaction

pp 43–49

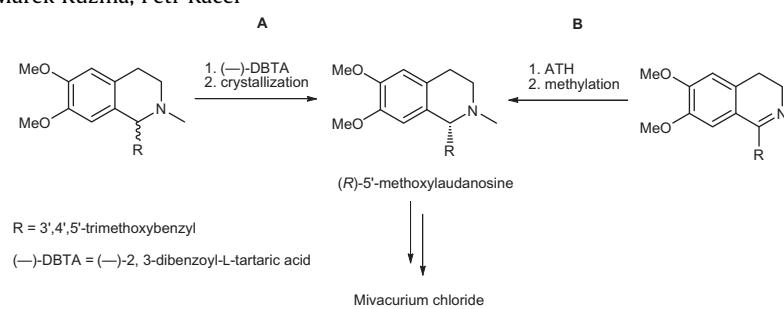
Revannath L. Sutar, Navalkishore N. Joshi*



Two optimized synthetic pathways toward a chiral precursor of Mivacurium chloride and other skeletal muscle relaxants

pp 50–55

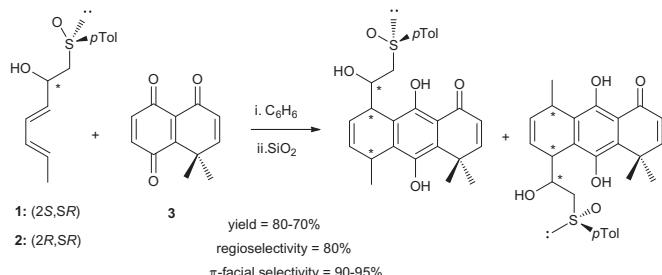
Beáta Vilhanová, Václav Matoušek, Jiří Václavík, Kamila Syslová, Jan Přech, Jan Pecháček, Petr Šot, Jakub Januščák, Jaromír Toman, Jakub Zápal, Marek Kuzma, Petr Kačer*



Remote regio- and stereocontrol by the sulfinyl group: Diels–Alder reaction of sulfinyl dienols and 8,8-dimethylnaphthalene-1,4,5(8H)-trione

pp 56–61

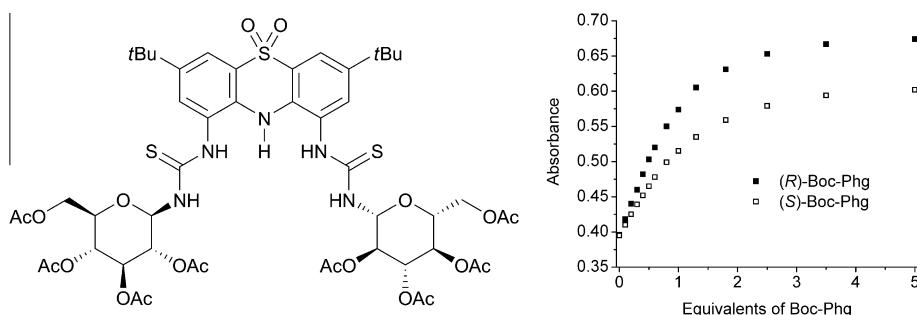
Iriux Almodovar*, Wilson Cardona, Tomás Delgado-Castro, Gerald Zapata-Torres, Marcos Caroli Rezende, Ramiro Araya-Maturana*, M. Carmen Maestro, José L. García Ruano



Synthesis and enantiomeric recognition studies of a novel 5,5-dioxophenothiazine-1,9 bis(thiourea) containing glucopyranosyl groups

pp 62–65

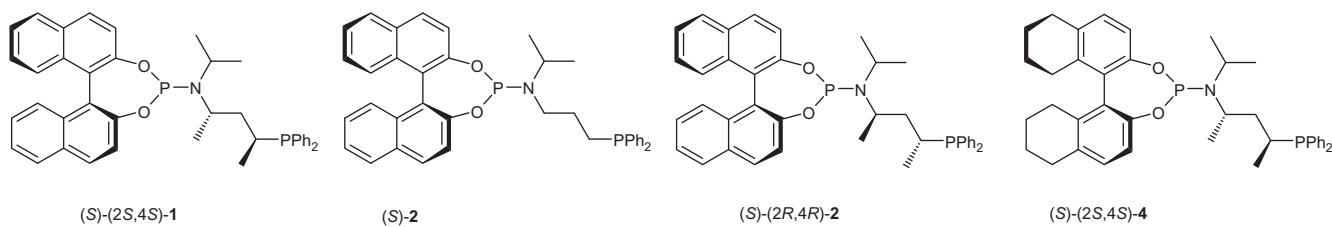
Attila Kormos, Ildikó Móczár, Dávid Pál, Péter Baranyai, József Kupai, Klára Tóth, Péter Huszthy*



Fine tuning of the structure of phosphine–phosphoramidites: application for rhodium-catalyzed asymmetric hydrogenations

pp 66–74

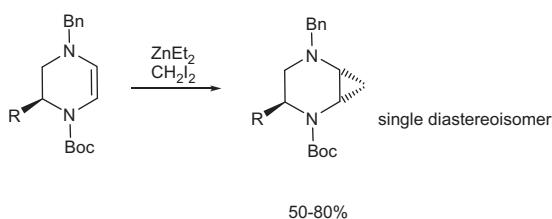
Szabolcs Balogh, Gergely Farkas, Áron Szöllősy, Ferenc Darvas, László Ürge, József Bakos*



Stereoselective cyclopropanation of chiral 5-substituted dihydro-2*H*-piperazines

pp 75–79

Gianna Reginato*, Maria Pia Catalani, Alessandro Mordini, Bernardo Pezzati, Andrea Bernardelli, Silvia Davalli, Nicola Pace



OTHER CONTENTS**Stereochemistry abstracts****pp A1–A15****Cumulative author index****p I**

*Corresponding author

Available online at www.sciencedirect.com

SciVerse ScienceDirect

Indexed/Abstracted in: Beilstein, BIOSIS Previews, Chemical Abstracts, Current Contents: Physical, Chemical and Earth Sciences, Derwent Biotechnology Abstracts, Derwent Drug File, Ei Compendex, EMBASE/Excerpta Medica, PASCAL, Research Alert, Science Citation Index, SciSearch. Also covered in the abstract and citation database SciVerse Scopus®. Full text available on SciVerse ScienceDirect®
