



Tetrahedron: Asymmetry Vol. 24, No. 4, 2013

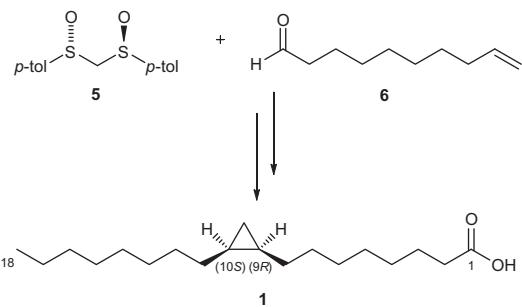
Contents

COMMUNICATIONS

A flexible and modular stereoselective synthesis of (9R,10S)-dihydrosterculinic acid

John W. Palko, Peter H. Buist, Jeffrey M. Manthorpe*

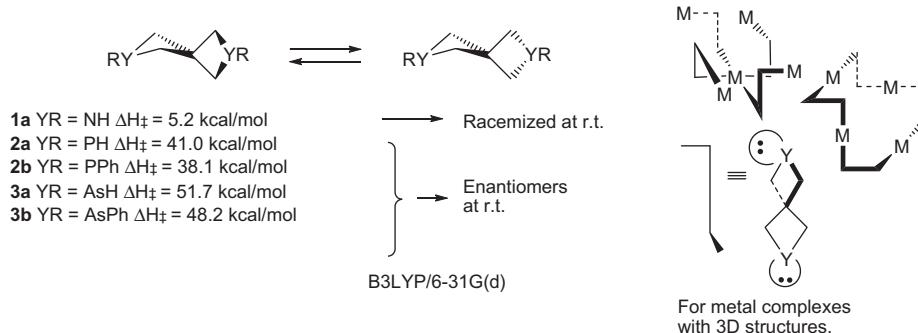
pp 165–168



Design of a new axially chiral molecule by conformational fixation: 2,6-diphospho- and 2,6-diarsaspiro[3.3]heptanes

Yuji Naruse*, Yuuki Kugiyama

pp 169–171

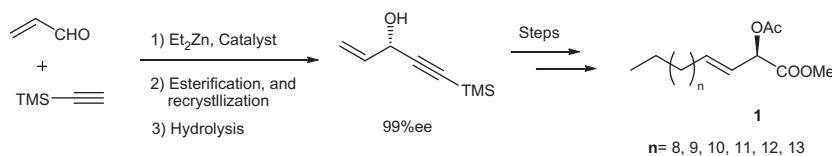


ARTICLES

Catalytic enantioselective synthesis of optically active α -hydroxyl- β,γ -unsaturated acid esters as novel side chains of cerebrosides

Lei Wang, Ruiquan Liu, Cong Lv, Junjun Ou, Feng Liu, Shangzhong Liu*, Min Wang, Jiangchun Zhong*

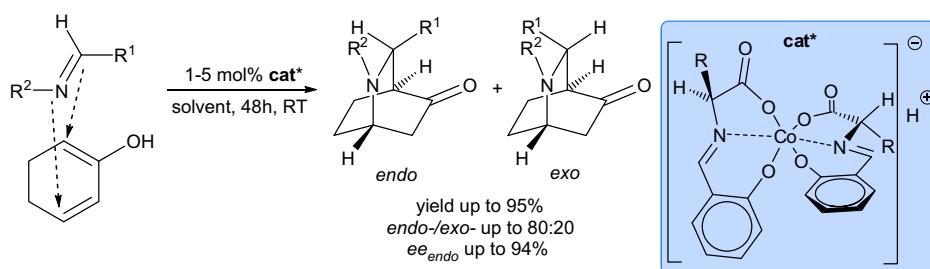
pp 173–177



Aza-Diels–Alder reaction catalyzed by novel chiral metalocomplex Brønsted acids

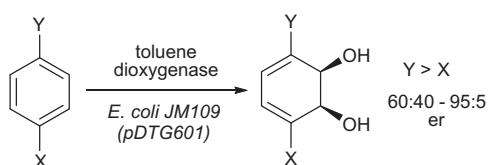
pp 178–183

Victor I. Maleev, Tat'yana V. Skrupskaya, Lidia V. Yashkina, Anna F. Mkrtchyan, Ashot S. Saghyan, Michayl M. Il'in, Denis A. Chusov

**Enzymatic oxidation of *para*-substituted arenes: access to new non-racemic chiral metabolites for synthesis**

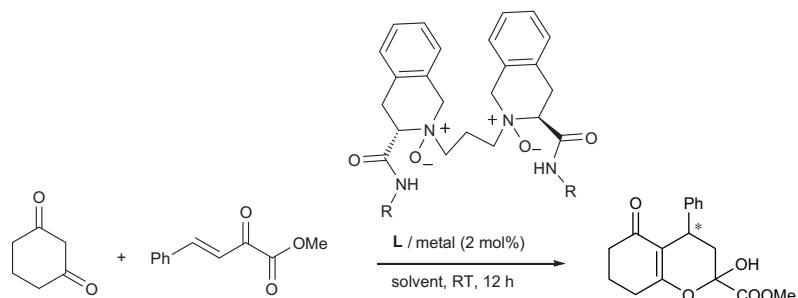
pp 184–190

John F. Trant, Jordan Froese, Tomas Hudlicky*

**Catalytic asymmetric carbon–carbon bond forming reactions catalyzed by tetrahydroisoquinoline (TIQ) *N,N'*-dioxide ligands**

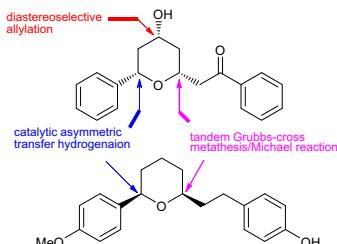
pp 191–195

Zamani E.D. Cele, Sphelele C. Sosibo, Pher G. Andersson, Hendrik G. Kruger, Glenn E.M. Maguire, Thavendran Govender*

**A flexible enantioselective synthesis of (+)-centrolobine and 5-*epi*-diospongin-A using asymmetric transfer hydrogenation/tandem Grubbs cross-metathesis/oxy-Michael reaction as key steps**

pp 196–201

Gullapalli Kumaraswamy*, Dasa Rambabu

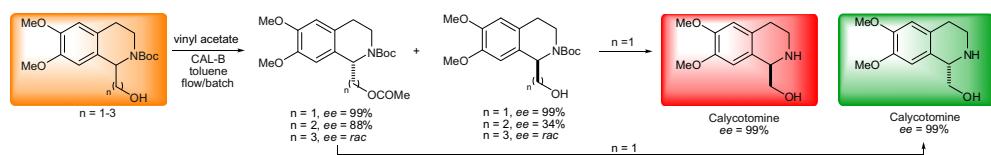


An efficient enantioselective synthesis of (+)-centrolobine and 5-*epi*-diospongin-A was developed. Essential to the development of this strategy was the successful execution of asymmetric transfer hydrogenation/tandem Grubbs cross-metathesis/oxy-Michael reaction.

Continuous-flow enzymatic resolution strategy for the acylation of amino alcohols with a remote stereogenic centre: synthesis of calycotomine enantiomers

pp 202–206

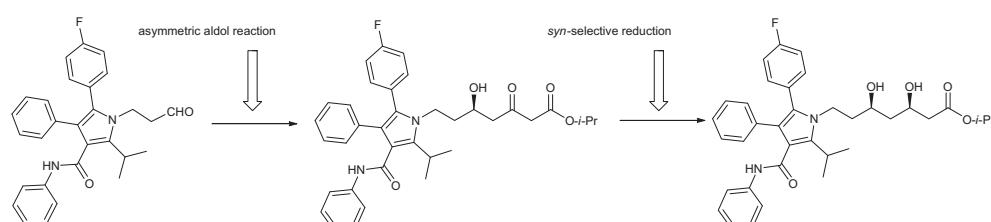
László Schönstein, Enikő Forró*, Ferenc Fülöp*



Synthetic studies on statins. Part 1: a short and cyanide-free synthesis of atorvastatin calcium via an enantioselective aldol strategy

pp 207–211

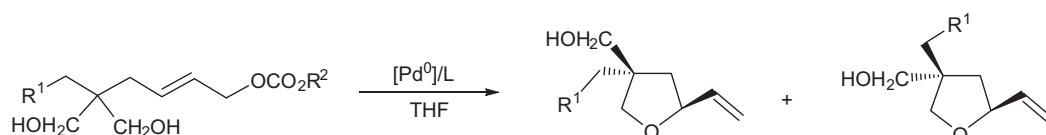
Lemeng Hu, Fangjun Xiong, Xiaofei Chen, Wenzhe Chen, Qiuqin He*, Fener Chen*



Asymmetric synthesis of optically active vinyltetrahydrofurans via palladium-catalysed cyclisation of bis(hydroxymethyl)allylic carbonates

pp 212–216

Beata Olszewska, Izabela Szulc, Bogusław Kryczka, Agnieszka Kubiak, Stanisław Porwański, Anna Zawisza*



1: $R^1 = C_6H_5, 2-CH_3C_6H_4, 4-CH_3C_6H_4, 2-C_{10}H_7,$
 $R^2 = Me, i-Bu$

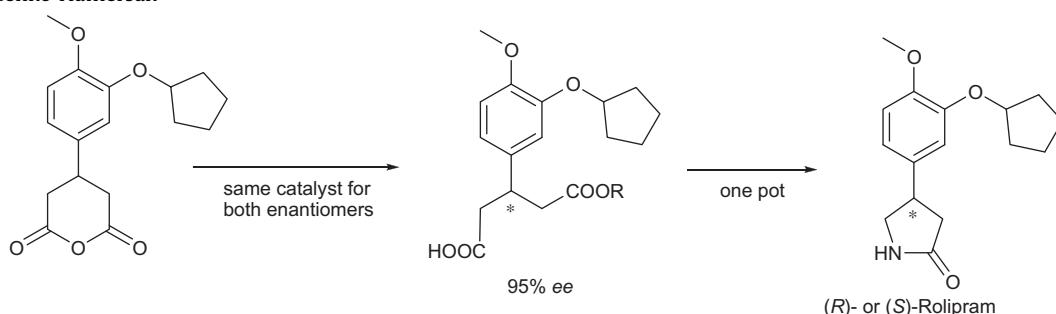
2

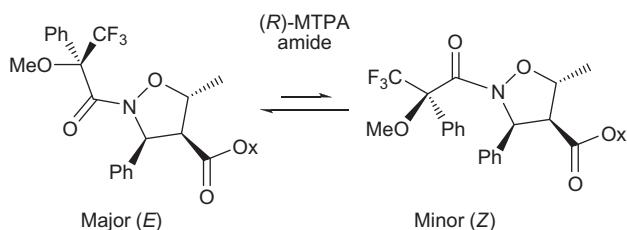
3

A simple enantioselective route toward (R)- and (S)-Rolipram via anhydride desymmetrization

pp 217–222

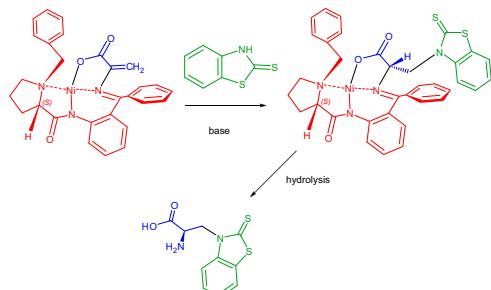
Trpimir Ivšić, Zdenko Hameršák*





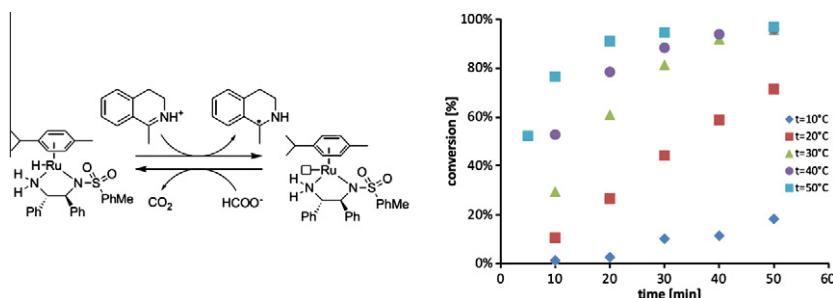
Asymmetric synthesis of enantiomerically enriched (*S*)- α -aminopropionic acids containing heterocyclic side chains

Ashot S. Saghyan*, Gnel M. Mkrtchyan, Ani S. Dadayan, Satenik G. Petrosyan, Arpine V. Geolchanyan, Hayarpi M. Simonyan, Anna F. Mkrtchyan, Satenik Mkrtchyan, Ashot Gevorgyan, Viktor O. Iaroshenko, Peter Langer*



Asymmetric transfer hydrogenation of imines catalyzed by a Novori-type Ru(II) complex—a parametric study

Jan Pecháček, Jiří Václavík, Jan Přech, Petr Šot, Jakub Januščák, Beáta Vilhanová, Jiří Vavřík, Marek Kuzma, Petr Kačer,*



OTHER CONTENTS

Stereochemistry abstracts

Cumulative author index

*Corresponding author

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