Porcine pancreatic lipase mediated regio- and stereoselective hydrolysis: chemoenzymatic synthesis of (2*S*,3*S*)-2-amino-3,4-dihydroxybutyric acid

Tetrahedron: Asymmetry *12 (2001) 691*

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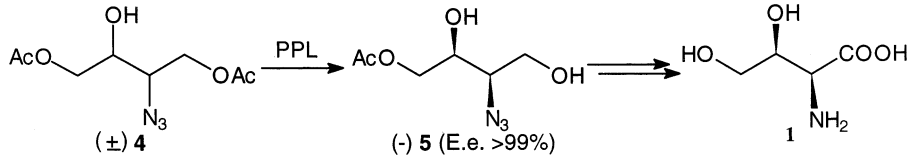

Using amide conformation to 'project' the stereochemistry of an (−)-ephedrine-derived oxazolidine: a pair of pseudoenantiomeric chiral amido-phosphine ligands

Tetrahedron: Asymmetry *12 (2001) 695*

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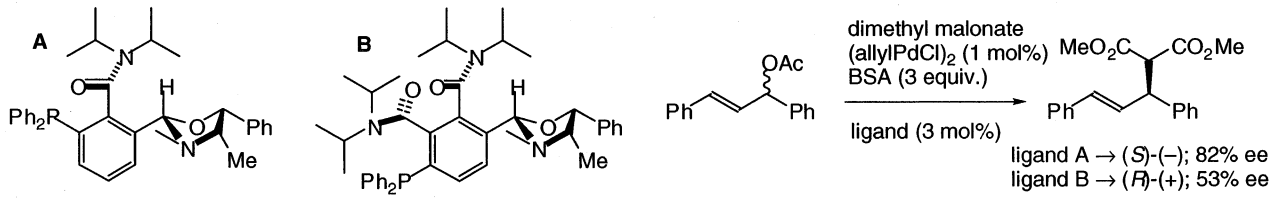

Enantioselective synthesis of (*S*)-α-methylphenylalanine using (*S*)-BINOLAMs as new phase-transfer catalysts

Tetrahedron: Asymmetry *12 (2001) 699*

Jesús Casas,[a] Carmen Nájera,[a,*] José M. Sansano,[a] José González,[b] José M. Saá[b,*] and Manuel Vega[b]

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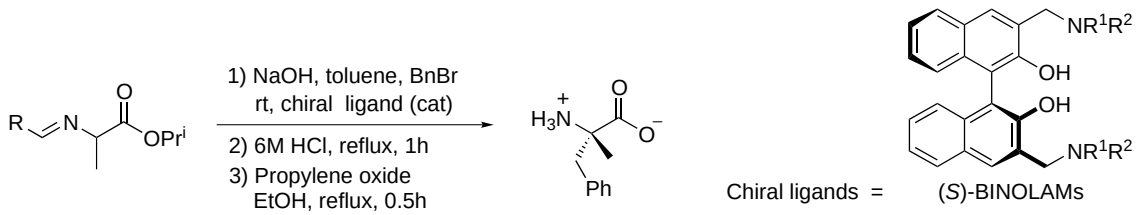

An efficient route to all eight stereoisomers of a tri-functionalised cyclopentane scaffold for drug discovery

Tetrahedron: Asymmetry *12 (2001) 703*

Mark E. B. Smith,* Michael C. Lloyd, Nadine Derrien, Richard C. Lloyd, Stephen J. C. Taylor, David A. Chaplin, Guy Casy and Raymond McCague

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All 8 stereoisomers as enantiopure scaffolds for drug discovery.

Kinetic resolution of a dihydrobenzofuran-type neolignan by lipase-catalysed acetylation

Tetrahedron: Asymmetry *12 (2001) 785*

Stefaan M. O. Van Dyck,[a] Guy L. F. Lemière,[a,*] Tim H. M. Jonckers,[a] Roger Dommisse,[a] Luc Pieters[b] and Volker Buss[c]

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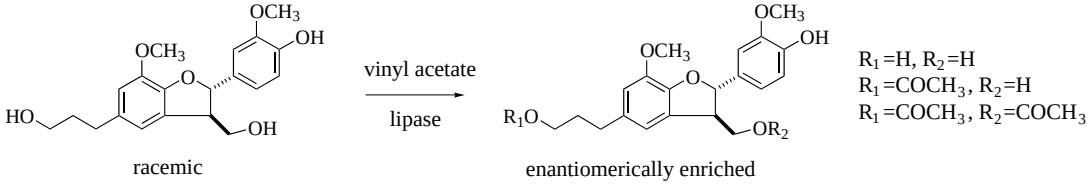

racemic — enantiomerically enriched

Synthesis of enantiomeric 4-hydroxypropranolols from 1,4-dihydroxynaphthalene

Tetrahedron: Asymmetry *12 (2001) 791*

Takuya Kumamoto,[a] Naho Aoyama,[a] Satoko Nakano,[a] Tsutomu Ishikawa[a,*] and Shizuo Narimatsu[b]

[a]*Faculty of Pharmaceutical Sciences, Chiba University, 1-33 Yayoi, Inage, Chiba 263-8522, Japan*
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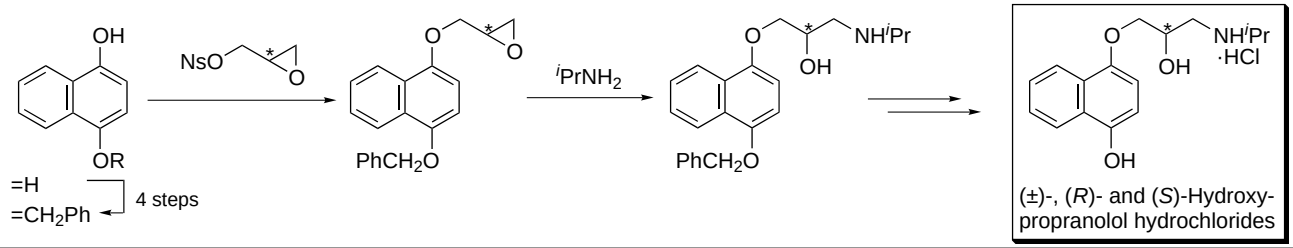

Absolute sense of twist of the benzil molecule in its enantiomorphous crystals and inclusion complexes with optically active hosts

Tetrahedron: Asymmetry *12 (2001) 797*

Tadeusz Połonski,[a,*] Monika Szyrszyng,[a] Maria Gdaniec,[b] Elżbieta Nowak[b] and Aleksander Herman[a]

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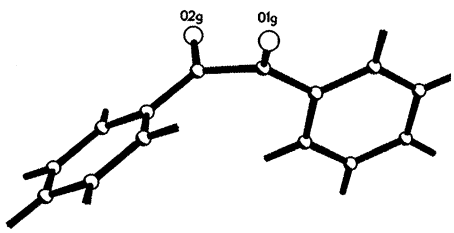
[b]*Faculty of Chemistry, A. Mickiewicz University, 60-780 Poznań, Poland*

Optical activity of the benzil molecule can be generated by a spontaneous crystallization or inclusion complexation with the steroidal bile acids.



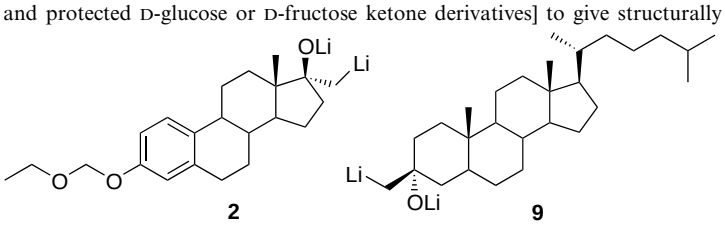
Synthesis of functionalised enantiopure steroids from estrone and cholestanone through organolithium intermediates

Tetrahedron: Asymmetry *12 (2001) 801*

Miguel Yus,* Tatiana Soler and Francisco Foubelo

Departamento de Química Orgánica, Facultad de Ciencias, Universidad de Alicante, Apdo. 99, 03080 Alicante, Spain

Intermediates **2** and **9** react with different electrophiles [H_2O, D_2O, Me_3SiCl, CO_2, PhCHO, Me_2CO, Et_2CO, $(CH_2)_5CO$, *O*-protected estrone and cholestanone, and protected D-glucose or D-fructose ketone derivatives] to give structurally modified steroids.



2 **9**

Enantiopure poly(glycidyl methacrylate-*co*-ethylene glycol dimethacrylate): a new material for supported catalytic asymmetric hydrogen transfer reduction

Tetrahedron: Asymmetry *12 (2001) 811*

Alice Rolland,[a] Damien Hérault,[a] François Touchard,[a] Christine Saluzzo,[a] Raphaël Duval[b] and Marc Lemaire[a,*]

[a]*Laboratoire de Catalyse et Synthèse Organique, UMR 5622, UCBL, CPE, 43 Bd du 11 novembre 1918, 69622 Villeurbanne Cedex, France*

[b]*Société CHIRALSEP, Parc d'activités de la Boissière, 11 rue de la Boissière, 76170 La Frenaye, France*

Amino alcohol polymers were utilized as catalytic ligands in the hydrogen transfer reduction of acetophenone.