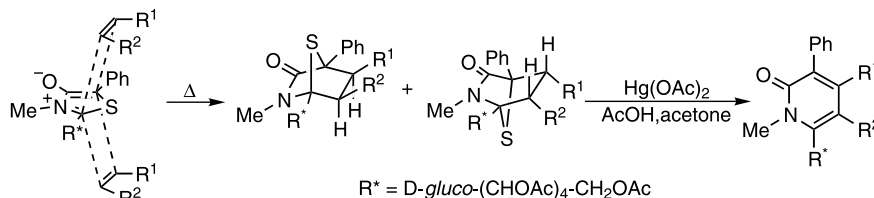


Generation and fate of a novel homochiral mesoionic dipole: synthesis of C-nucleoside analogs

Tetrahedron: Asymmetry 13 (2002) 223

 María J. Arévalo,^a Martín Avalos,^a Reyes Babiano,^a Pedro Cintas,^a Michael B. Hursthouse,^b José L. Jiménez,^{a,*} Mark E. Light^b and Juan C. Palacios^a
^aDepartamento de Química Orgánica, Facultad de Ciencias, Universidad de Extremadura, E-06071 Badajoz, Spain

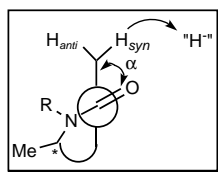
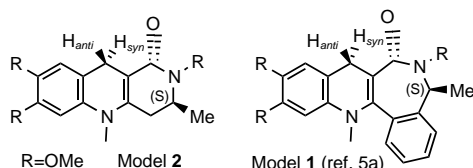
^bDepartment of Chemistry, The University of Southampton, Highfield, Southampton SO17 1BJ, UK


Influence of the C(4)–C(3)–C=O dihedral angle of chiral NADH mimics on the stereoselectivity of reductions

Tetrahedron: Asymmetry 13 (2002) 227

 Jean-Luc Vasse, Vincent Levacher,^{*} Jean Bourguignon and Georges Dupas

Laboratoire de Chimie Organique, Fine et Hétérocyclique associé au CNRS, IRCOF-INSA. BP 08 F-76131, Mont Saint Aignan Cédex, France



Reagent	C4-C3-C=O (α)	Yield ^a	e.e
Model 2	10-15°	90%	4%(R)
Model 1	45-50°	95%	84%(R) ^b

^aReduction of methyl benzoylformate

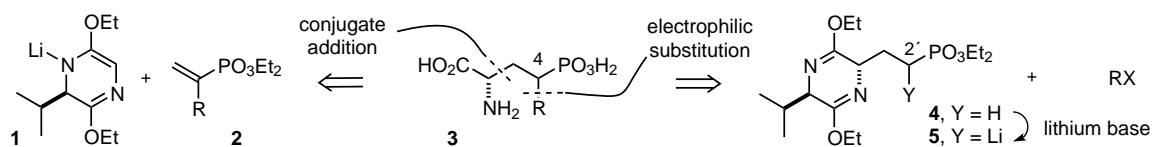
^bresult previously reported in ref. 5a

Diastereoselective synthesis of 4-substituted 2-amino-4-phosphonobutanoic acids

Tetrahedron: Asymmetry 13 (2002) 233

 M. Carmen Fernández, José M. Quintela, María Ruiz^{*} and Vicente Ojea^{*}

Departamento de Química Fundamental, Facultad de Ciencias, Universidade da Coruña, Campus da Zapateira, s/n, 15071 A Coruña, Spain

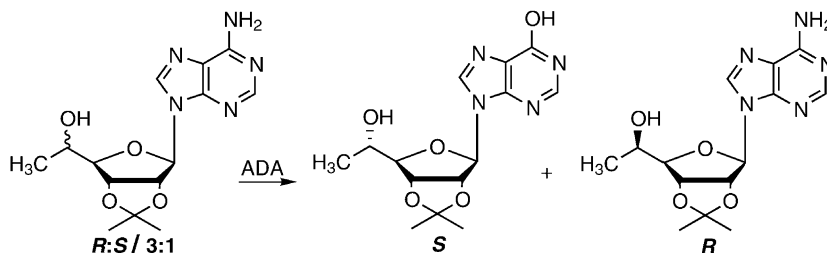


Stereoselective deamination of (5'RS)-5'-methyl-2',3'-isopropylidene adenosine catalyzed by adenosine deaminase: preparation of diastereomerically pure 5'-methyl adenosine and inosine derivatives

Tetrahedron: Asymmetry 13 (2002) 239

 Pierangela Ciuffreda, Angela Loseto and Enzo Santaniello^{*}

Dipartimento di Scienze Precliniche LITA Vialba, Università degli Studi di Milano, Via G. B. Grassi, 74-20157 Milano, Italy

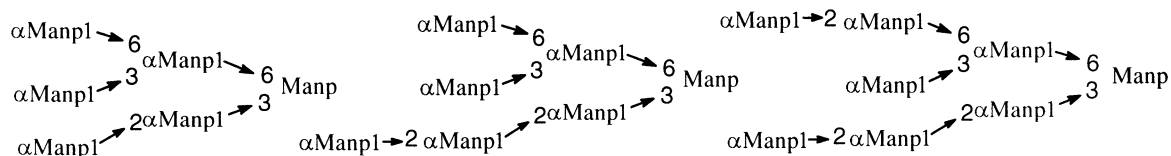


Efficient and practical syntheses of mannose tri-, tetra-, penta-, hexa-, hepta-, and octasaccharides existing in *N*-glycans

Jianjun Zhang and Fanzuo Kong*

Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences, PO Box 2871, Beijing 100085, China

Tetrahedron: Asymmetry 13 (2002) 243



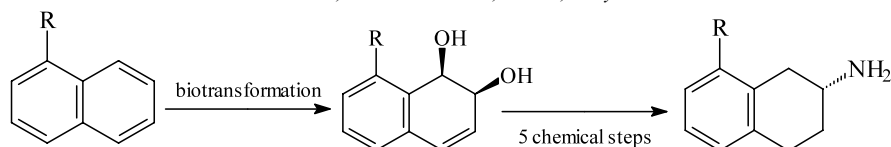
A chemoenzymatic synthesis of (2*R*)-8-substituted-2-aminotetralins

Fulvia Orsini,^{a,*} Guido Sello,^a Elena Travaini^a and Patrizia Di Gennaro^b

^aDipartimento di Chimica Organica e Industriale, via Venezian 21-20133, Milan, Italy

^bDipartimento di Scienze dell' Ambiente e del Territorio, Milano-Bicocca, Milan, Italy

Tetrahedron: Asymmetry 13 (2002) 253



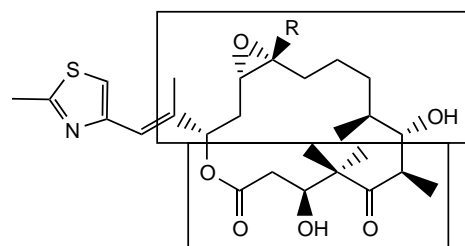
a) R = H; b) R = C₂H₅; c) R = COOCH₃; d) R = OCH₃

Towards a synthesis of epothilone A: asymmetric synthesis of C(1)–C(6) and C(7)–C(15) fragments

S. Chandrasekhar* and Ch. Raji Reddy

Indian Institute of Chemical Technology, Hyderabad 500 007, India

Tetrahedron: Asymmetry 13 (2002) 261

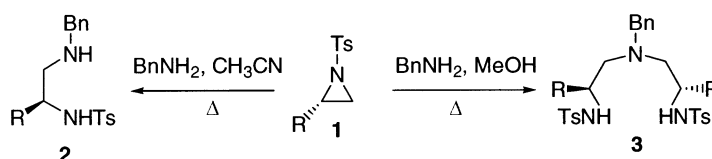


Solvent-mediated selective single and double ring-opening of *N*-tosyl-activated aziridines using benzylamine

J. Erik W. Scheuermann, Gennadiy Ilyashenko, D. Vaughan Griffiths and Michael Watkinson*

Department of Chemistry, Queen Mary, University of London, Mile End Road, London E1 4NS, UK

Tetrahedron: Asymmetry 13 (2002) 269

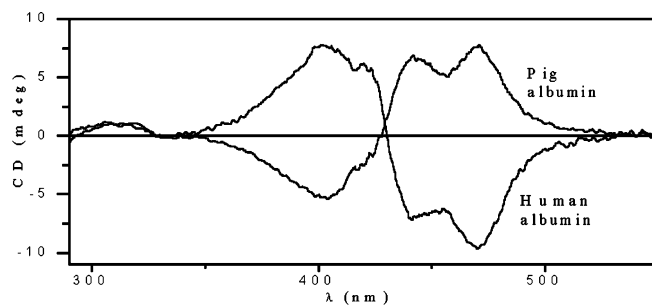


Further insight into the molecular basis of carotenoid–albumin interactions: circular dichroism and electronic absorption study on different crocetin–albumin complexes

Tetrahedron: Asymmetry 13 (2002) 273

Ferenc Zsila,* Zsolt Bikádi and Miklós Simonyi

Department of Molecular Pharmacology, Institute of Chemistry, Chemical Research Center, POB 17, 1525 Budapest, Hungary

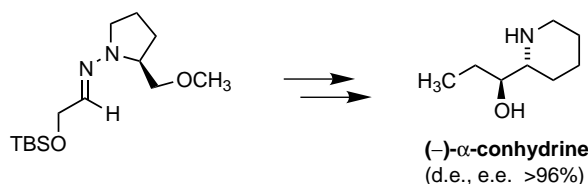


Asymmetric synthesis and structural assignment of (-)- α -conhydrine

Tetrahedron: Asymmetry 13 (2002) 285

Dieter Enders,* Bert Nolte, Gerhard Raabe and Jan Runsink

Institut für Organische Chemie, Rheinisch-Westfälische Technische Hochschule, Professor-Pirlet Straße 1, 52074 Aachen, Germany

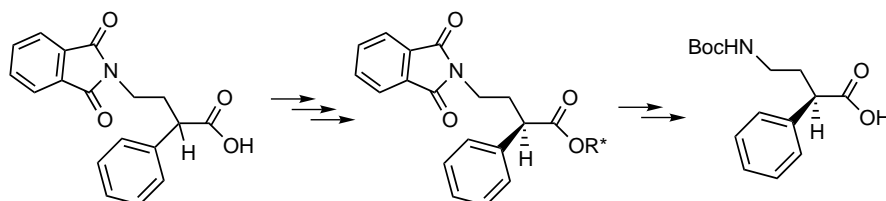


Synthesis of *N*-Boc-(*R*)- α -phenyl- γ -aminobutyric acid using an in situ diastereoselective protonation strategy

Tetrahedron: Asymmetry 13 (2002) 293

Monique Calmès,* Françoise Escale and Jean Martinez

Laboratoire des Aminoacides, Peptides et Protéines, UMR-CNRS 5810-Universités Montpellier I et II, UM II, Place E. Bataillon, 34095 Montpellier cedex 5, France



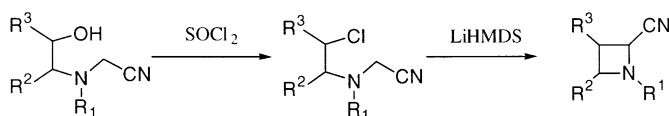
A straightforward synthesis of enantiopure 2-cyano azetidines from β -amino alcohols

Tetrahedron: Asymmetry 13 (2002) 297

Claude Agami,^b François Couty^{a,*} and Gwilherm Evano^b

^b*Laboratoire de Synthèse Asymétrique, UMR 7611, Université Pierre et Marie Curie, 4 place Jussieu, 75005 Paris, France*

^a*SIRCOB, UPRESA CNRS 8086, Université de Versailles, 45 avenue des Etats-Unis, 78035 Versailles Cédex, France*

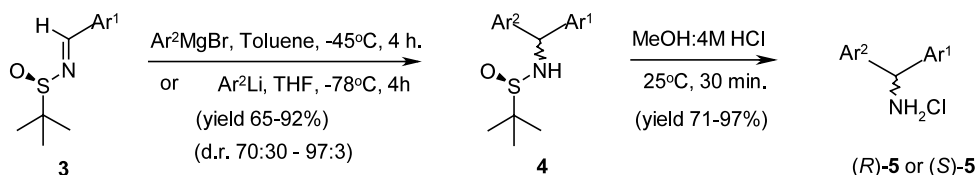


Asymmetric synthesis of diarylmethylamines by diastereoselective addition of organometallic reagents to chiral *N*-*tert*-butanesulfinimines: switchover of diastereofacial selectivity

Tetrahedron: Asymmetry 13 (2002) 303

Niklas Plobeck* and David Powell

Department of Chemistry, AstraZeneca R&D Montreal, 7171 Frederick-Banting Street, St-Laurent, Quebec, Canada H4S 1Z9

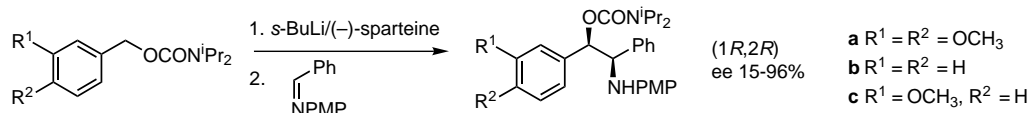


Synthesis of enantiomerically enriched β -amino alcohol derivatives via asymmetric lithiation of *O*-benzyl carbamates–imine addition using (–)-sparteine complexes

Tetrahedron: Asymmetry 13 (2002) 311

Sonia Arrasate, Esther Lete* and Nuria Sotomayor

Departamento de Química Orgánica II, Facultad de Ciencias, Universidad del País Vasco, Apdo. 644. 48080 Bilbao, Spain

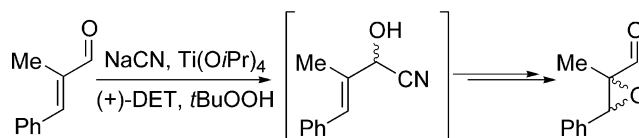


Catalytic electronic activation: indirect Sharpless asymmetric epoxidation of enals

Tetrahedron: Asymmetry 13 (2002) 317

Phillip J. Black, Kerry Jenkins and Jonathan M. J. Williams*

Department of Chemistry, University of Bath, Bath BA2 7AY, UK



Enhanced catalytic activity in asymmetric hydrosilylation of 1,3-dienes with a soluble palladium catalyst

Tetrahedron: Asymmetry 13 (2002) 325

Jin Wook Han and Tamio Hayashi*

Department of Chemistry, Graduate School of Science, Kyoto University, Sakyo-ku, Kyoto 606-8502, Japan

