

TETRAHEDRON: ASYMMETRY

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Tetrahedron: Asymmetry publishes communications, articles and reports on all aspects of asymmetry in organic, inorganic, organometallic, physical and bioorganic chemistry.

COMMUNICATIONS provide rapid publication of important new contributions; they must be no longer than four printed pages (including artwork) and should not contain an experimental section. A statement should be included concerning the characterisation of new compounds.

ARTICLES describe original research of high quality and timeliness in the field of asymmetry.

REPORTS reviewing topics of current relevance will generally be specially commissioned; however, suggestions for topics and authors are welcomed by the Editors.

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1. Barton, D. H. R.; Yadav-Bhatnagar, N.; Finet, J.-P.; Khamsi, J. *Tetrahedron Lett.* **1987**, *28*, 3111–3114.
2. Katritzky, A. R. *Handbook of Organic Chemistry*; Pergamon Press: Oxford, 1985; pp. 5386.
3. Smith, D. H.; Masinter, L. M.; Sridharan, N. S. In *Heuristic DENDRAL: Analysis of Molecular Structure*; Wipke, W. T.; Heller, S. R.; Feldmann, R. J.; Hyde, E., Eds. Computer representation and manipulation of chemical information. John Wiley: New York, 1974; pp. 287–298.
4. Cato, S. J. Ph.D. Thesis, University of Florida, 1987.

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Table 1. This is the table caption

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Submissions from Japan and other Asian countries, Professor T. Hayashi, Department of Chemistry, Faculty of Science, Kyoto University, Kyoto 606, Japan. Fax: +81 75 753 3988; e-mail: thayashi@kuchem.kyoto-u.ac.jp

Submissions from the Americas, Professor K. Burgess, Department of Chemistry, Box 30012, Texas A&M University, College Station, TX 77841-3012, USA (regular mail) or Department of Chemistry, Room 14, Texas A&M University, College Station, TX 77842-3255, USA (express mail). Fax: +1 979 845 8839; e-mail: burgess@tamu.edu

All other submissions, Professor S. G. Davies, Dyson Perrins Laboratory, South Parks Road, Oxford OX1 3QY, UK. Fax: +44 (0) 1865 275633; e-mail: asymm@chem.ox.ac.uk

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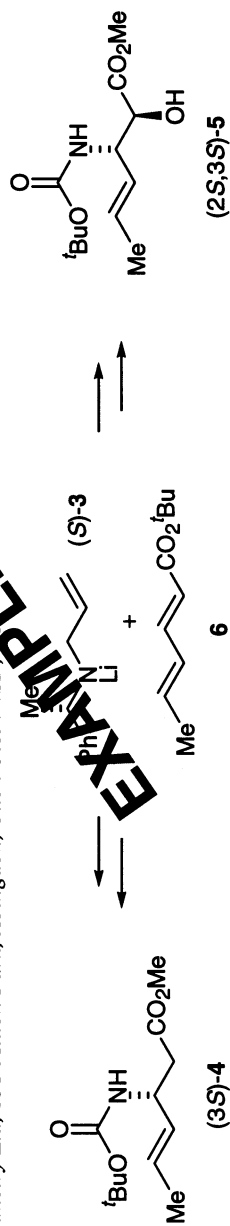
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Graphical abstracts

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The use of lithium (α -methylbenzyl)allylamide for the asymmetric synthesis of unsaturated β -amino acid derivatives
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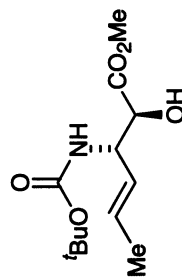
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Stereochemistry abstracts

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S. G. Davies,* D. R. Fenwick and O. Ichihara



C₁₂H₂₁NO₅

Methyl (2*S*,3*S*)-(E)-3-(*N*-*tert*-butoxycarbonyl)amino-2-hydroxyhex-4-enoate

EXAMPLE

Ee = 100%

$[\alpha]_D^{24} = +15.5$ (c 1.50, CHCl₃)

Source of chirality: asymmetric synthesis

Absolute configuration: (2*S*,3*S*)

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