

# 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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The language of submission is English. Papers are submitted on the understanding that the subject matter has not been previously published and is not being submitted elsewhere. Authors must accept full responsibility for the factual accuracy of the data presented and should obtain any authorization necessary for publication. All papers are sent to referees who advise the Editor on the matter of acceptance in accordance with the high standards required. Referees' names are not disclosed, but their views are forwarded by the Editor to the authors for consideration. Authors are encouraged to suggest the names of suitable referees.

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**Abstract:** Authors must include a short abstract that states briefly the purpose of the research, the principal results and major conclusions. References and compound numbers should not be mentioned in the abstract unless full details are given.

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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](mailto: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: [asymm@tamu.edu](mailto:asymm@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](mailto:asymm@chem.ox.ac.uk)

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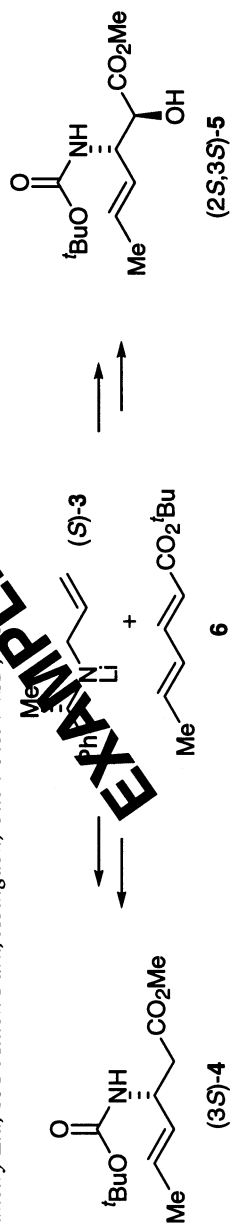
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The use of lithium ( $\alpha$ -methylbenzyl)allylamide for the asymmetric synthesis of unsaturated  $\beta$ -amino acid derivatives  
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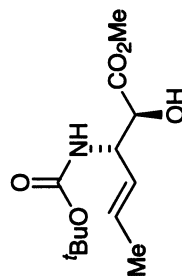
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Stereochemistry abstracts

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



C<sub>12</sub>H<sub>21</sub>NO<sub>5</sub>

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, CHCl<sub>3</sub>)

Source of chirality: asymmetric synthesis

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

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