

TETRAHEDRON: ASYMMETRY

Instructions to contributors

Please follow these instructions carefully to ensure that the review and publication of your paper is as swift and efficient as possible. These notes may be copied freely.

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.

Journal policy

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. **As such, the contents of papers are the sole responsibility of the authors, and publication shall not imply the concurrence of the Editors or Publisher.**

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.

Manuscript preparation

Graphical abstracts: Authors must supply a graphical abstract at the time the paper is first submitted. The abstract should summarise the contents of the paper in a concise, pictorial form designed to capture the attention of a wide readership and for compilation of databases. Carefully drawn chemical structures are desired that serve to illustrate the theme of the paper. Authors may also provide appropriate text, not exceeding 50 words.

The content of the graphical abstract will be typeset and should be kept within an area of 5 cm by 17 cm. Authors must supply the graphical abstract on disk as well as in printed form, or if using online submission include the graphical abstract in the main article file and then attach the graphic separately.

For examples of graphical abstracts, please consult a recent issue of the journal or visit the journal page on ScienceDirect at: <http://www.sciencedirect.com/science/journal/00404039> and click 'Sample Issue Online'.

Stereochemistry abstracts: For each important chiral compound authors are requested to supply a camera-ready stereochemistry abstract detailing structure, name, formula and all available stereochemical information for eventual incorporation into a database. An abstract for only one enantiomer per compound is required. An example follows these instructions.

General requirements: Manuscripts should be printed double spaced, on one side of the page only, using black type on good quality white paper. Pages must be numbered. The corresponding author's full mailing address, plus phone and fax numbers and e-mail address should be included. The manuscript should be compiled in the following order: Title, Authors, Affiliations, Abstract, Introduction, Results, Discussion, Conclusion, Experimental, References, Tables, Figures, Schemes, Captions.

Authors are requested to examine an issue from Volume 14 (2003) for further details of style points.

Title: The title should be brief, specific and rich in informative words; it should not contain any literature references or compound numbers.

Authors and affiliations: Where possible, supply given names, middle initials and family names for complete identification. Use superscript lower case letters to indicate different addresses, which

should be as detailed as possible, and must include the country name. The corresponding author should be indicated with an asterisk, and contact details should be placed in a footnote. Information relating to other authors (e.g. present addresses) should be placed in footnotes indicated by the appropriate symbols (see below).

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.

Text: Text should be subdivided in the simplest possible way consistent with clarity. Headings and subheadings should reflect the relative importance of the sections, and all headings should be numbered. Ensure that all tables, figures and schemes are cited in the text in numerical order. The preferred position for chemical structures should be indicated. Trade names should have an initial capital letter, and trademark protection should be acknowledged in the standard fashion, using the superscripted letters TM and R for trademarks and registered trademarks, respectively. All measurements and data should be given in SI units where possible, or other internationally accepted units. Abbreviations should be used consistently throughout the text, and all nonstandard abbreviations should be defined on first usage. Authors are requested to draw attention to hazardous materials or procedures by adding the word CAUTION followed by a brief descriptive phrase and literature references if appropriate. The experimental section should be as concise as possible, while containing all the information necessary to guarantee reproducibility.

References: In the text references should be indicated by superscript Arabic numerals which run consecutively through the paper and appear after any punctuation; ensure that all references are cited in the text and vice versa. The reference list should contain only literature references; other information (e.g. experimental details) should be placed either within the body of the text, or as a footnote to the text. Each reference should contain only one literature citation. Authors are expected to check the original source reference for accuracy. Journal¹ titles should be abbreviated according to American Chemical Society guidelines. Inclusive pagination is strongly recommended. Book references^{2,3} should cite author(s), chapter title (if applicable), editor(s), book title, edition/volume, publisher location, publisher name, date and pages. Examples, including a thesis citation,⁴ are shown below.

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. 53–86.
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.

Footnotes: Footnotes should appear at the bottom of the appropriate page and be indicated by the following symbols: *, †, ‡, §, ¶, ||.

Tables: All tables should be cited in the text, and numbered in order of appearance with Arabic numerals. The caption should appear on the same line as the table number, e.g.

Table 1. This is the table caption

All table columns should have a brief explanatory heading and where appropriate, units of measurement. Vertical lines should not be used. Footnotes to tables should be typed below the table, each on a separate line, and should be referred to by superscript letters.

Artwork: Figures, schemes and equations must be cited in the text and numbered in order of appearance with Arabic numerals. Other graphics, such as structures, do not need to be numbered, but please indicate in the text where these are to appear. All graphics (including chemical structures) must be provided at the actual size that they are to appear (single-column width is 8.4 cm, double-column width is 17.7 cm). Please arrange schematics so that they fill the column space (either single or double), so as not to leave a lot of unused white space. Please ensure that all illustrations within a paper are consistent in type, quality and size. Captions should not be included as part of the graphic; instead all captions should be supplied at the end of the text. Reagents and conditions (unless incorporated into the actual schematic) should also be labelled with the figure or scheme number, and the corresponding author's name.

To help author's provide actual size graphics, it is suggested that the following settings be used with CSC ChemDraw™ and ISIS DRAW™: font 10 pt Helvetica, chain angle 120°, bond spacing 18% of length, fixed length 14.4 pt (0.508 cm), bold width 2.0 pt (0.071 cm), line width 0.6 pt (0.021 cm), margin width 1.6 pt (0.056 cm), and hash spacing 2.5 pt (0.888 cm). Compound numbers should be in boldface. With these settings, to ensure a proper size, the graphic must be printed at 70%. In order to accurately design schematics to print out at the proper width with the reduction, the original drawing cannot exceed a column width of 12.0 cm (for single column) and 25.0 cm (for double column). To produce a double column width landscape mode will need to be used. Layout design is facilitated if authors submit their original artwork in the actual size to be published. Please save graphics as an Encapsulated PostScript file (EPS) or a Tagged Image File Format (TIFF), as well as the program the graphic was originally drawn in. For more details on the preparation and submission of artwork, please visit <http://authors.elsevier.com>

Colour: Colour figures may be printed in the journal at no charge to the author, provided that the Editor considers the colour necessary to convey scientific information. Colour figures should be supplied in electronic format as JPEG files (minimum 300 dots per inch) and if possible also in hard copy format.

Colour figures should be clearly marked as being intended for colour reproduction on the Web and in print or to be reproduced in colour on the Web and in black-and-white in print.

If only colour on the Web is required, black-and-white versions of the figures should also be supplied for printing purposes.

Journal conventions

Nomenclature: Authors will find the following reference book useful for recommended nomenclature. It is the responsibility of the author to provide correct chemical nomenclature.

Rigaudy, J.; Klesney, S. P. *IUPAC Nomenclature of Organic Chemistry*; Pergamon Press: Oxford, 1979.

X-ray crystallographic data: Prior to submission of the manuscript, the author should deposit crystallographic data for organic and metal-organic structures with the Cambridge Crystallographic Data Centre. The data, without structure factors, should be sent by e-mail to: deposit@ccdc.cam.ac.uk, as an ASCII file, preferably in CIF format. Hard copy data should be sent to CCDC, 12 Union Road, Cambridge CB2 1EZ, UK. A checklist of data items for deposition can be obtained from the CCDC Home Page on the World Wide Web (<http://www.ccdc.cam.ac.uk/>) or by e-mail to: fileserv@ccdc.cam.ac.uk, with

the one-line message, sendme checklist. The data will be acknowledged, within three working days, with one CCDC deposition number per structure deposited. These numbers should be included with the following standard text in the manuscript: Crystallographic data (excluding structure factors) for the structures in this paper have been deposited with the Cambridge Crystallographic Data Centre as supplementary publication numbers CCDC..... . Copies of the data can be obtained, free of charge, on application to CCDC, 12 Union Road, Cambridge CB2 1EZ, UK [fax: +44(0)-1223-336033 or e-mail: deposit@ccdc.cam.ac.uk]. Deposited data may be accessed by the journal and checked as part of the refereeing process. If data are revised prior to publication, a replacement file should be sent to CCDC.

Characterization of new compounds: All new compounds should be fully characterized with relevant spectroscopic data. Microanalyses should be included whenever possible. Under appropriate circumstances high resolution mass spectra may serve in lieu of microanalyses, if accompanied by suitable NMR criteria for sample homogeneity.

Supplementary material: Concise supplementary material may be provided for review purposes only. Supplementary material will only be published at the Editor's discretion.

Copyright guidelines

Upon acceptance of an article, Authors will be asked to transfer copyright (for more information on copyright see <http://authors.elsevier.com>). This transfer will ensure the widest possible dissemination of information. A letter will be sent to the corresponding Author confirming receipt of the manuscript. A form facilitating transfer of copyright will be provided.

If excerpts from other copyrighted works are included, the Author(s) must obtain written permission from the copyright owners and credit the source(s) in the article. Elsevier has preprinted forms for use by Authors in these cases: contact Elsevier's Rights Department, Oxford, UK: phone: (+44) 1865 843830; fax: (+44) 1865 853333; e-mail: permissions@elsevier.com. Requests may also be completed on-line via the Elsevier homepage (<http://www.elsevier.com/locate/permissions>).

Online submission of manuscripts

Tetrahedron: *Asymmetry* manuscripts can be submitted using the TetSubmit online submission and review environment. Authors are required to go to the website and upload their article and its associated artwork. A PDF file is generated and the reviewing process is carried out using that PDF. All correspondence between editor and author is performed by e-mail. Authors are, however, legally obliged to sign and return a physical transfer of copyright form by conventional mail. To submit your papers online, please go to <http://www.tetsubmit.com>

Templates are provided in order to allow authors to view their paper in a style close to the final printed form. Their use is optional.

All manuscripts will be fully typeset from the author's electronic files. It should be noted that due to defined typesetting standards and the complex requirements of electronic publishing, the Publisher will not always be able to exactly match the layout the author has submitted. The template is only intended to be used in assisting with the preparation and submission of manuscripts.

It should be noted that use of the journal template is not a requirement and its adoption will neither speed nor delay publication. Elsevier can handle most major word processing packages and in general most formatting applied by authors for style and layout is replaced when the article is being typeset.

These templates contain a large number of macros. To ensure successful PDF conversion in TetSubmit, it is important that the author saves a new document based on the template, rather than saving the template itself. To use the template, the author should save the final document as a Word file with a 'doc' extension (rather than the '.dot' extension).

Please ensure that the graphical abstract and stereochemistry abstract(s) are included at the beginning of your manuscript when submitting online.

For detailed instructions on the preparation of electronic artwork, consult Elsevier's Author Gateway at <http://authors.elsevier.com>

Mail submission of manuscripts

Manuscripts, including graphical and stereochemistry abstracts, may be submitted in the following ways listed in order of strong preference: (1) as attached documents by e-mail with concurrent top hard copy by mail; (2) by fax with concurrent top hard copy and electronic version on disk by mail; (3) by mail as one hard copy and in electronic format on disk; (4) by mail as one hard copy. It is important that the electronic file and the accepted printout are identical. The following information is required if available: e-mail address, telephone number, fax number, computer type used (PC/Mac), word processing package, drawing programme.

For detailed instructions on the preparation of electronic artwork, consult Elsevier's Author Gateway at <http://authors.elsevier.com>

Editorial offices

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: tetasy@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

All other submissions, Professor S. G. Davies, Chemistry Research Laboratory, Department of Chemistry, University of Oxford, Mansfield Road, Oxford OX1 3TA, UK. Fax: +44 (0) 1865 275633; e-mail: asymm@chem.ox.ac.uk

Proofs

All authors will receive proofs via e-mail or fax and are expected to return these with corrections as quickly as possible, normally within 24

hours of receipt. Authors should ensure that corrections are returned in one communication and are complete, as subsequent corrections will not be possible. Any amendments will be incorporated and the final article will then be published online as an Article in Press on ScienceDirect (www.sciencedirect.com).

Articles in Press take full advantage of the enhanced ScienceDirect functionality, including the ability to be cited. This is possible due to the innovative use of the DOI article identifier, which enables the citation of a paper before volume, issue and page numbers are allocated. The Article in Press will be removed once the paper has been assigned to an issue and the issue has been compiled.

Offprints

The principal author will be sent 25 free offprints. Additional offprints can be ordered when the paper is accepted. Correspondence regarding offprints should be directed to: Global Author Support, Elsevier Ireland Ltd, Elsevier House, Brookvale Plaza, East Park, Shannon, Co. Clare, Ireland; e-mail: authorsupport@elsevier.com

Page charges

None.

Author benefits

Contributors to Elsevier journals are entitled to a 30% discount on all Elsevier books.

Other enquiries

Visit the Elsevier's Author Gateway (<http://authors.elsevier.com>) for the facility to track accepted articles and set up e-mail alerts to inform you of when an article's status has changed. The Author Gateway also provides detailed artwork guidelines, copyright information, frequently asked questions and more.

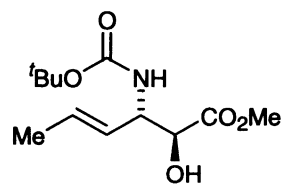
Contact details for questions arising after acceptance of an article, especially those relating to proofs, are provided after registration of an article for publication.

Stereochemistry abstracts

LEAVE BLANK

III

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

Tetrahedron: Asymmetry 8 (1997) 3387

EXAMPLE

Ee = 100%

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

Source of chirality: asymmetric synthesis

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

PLEASE TYPE ONLY WITHIN THE DOTTED LINES