

INFORMATION FOR AUTHORS

Medicinal Chemistry Research is a journal for rapid communications in medicinal chemistry. Papers in English of approximately 8-10 pages on important experimental or theoretical findings will be considered on the basis of their general interest, novelty, timeliness, and therapeutic focus. All manuscripts will be refereed by experts in the area of research of the paper. Author suggestions as to which reviewers would be best or least suited to review a given submission will be a welcomed assistance to the Editors.

Occasionally, specific authors may be invited to prepare reviews of new trends of timely interest. If an author plans to compile such a Review, he/she should contact the New Trends Editor, and submit an outline of the trend to be reviewed. The Editor may then issue an invitation to proceed with the project.

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Every effort will be made to publish papers within two months from the date of acceptance. Manuscripts containing data that the author(s) wish to be held for a given period before publication will be treated confidentially by the Editors and Reviewers. **Address** manuscripts and correspondence to:

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The journal strongly encourages authors to submit **electronically prepared manuscripts** in WordPerfect, Microsoft Word (Macintosh, or Microsoft Word (PC)). Follow the instructions set forth here exactly; if, for example, the reference section is incorrectly styled, the value of the diskette submission will be reduced. A camera-ready version of the article must accompany the software.

Preparation of Manuscripts: All manuscripts should be submitted in 3 camera-ready copies for direct photographic reproduction in the Journal. They should be typed 1½ spaced, using black type on good quality white bond paper. Margins should be aligned uniformly; right justification is preferred. When using right justification, be certain not to leave unattractive gaps in the line.

The title should be all in capital letters, centered on page 1, approximately 3 cm from the top of the page. After leaving a space of 2-3 lines for pleasing appearance, the author's names and affiliations should be provided (also centered). The author to whom correspondence should be addressed is indicated by an asterisk. An Abstract of four to six single-spaced lines should precede the text. The term "ABSTRACT" should be the first word of the abstract and should not appear on a line above the abstract. In brief form, this should describe the results and/or experimental methodology reported in the paper. The total typed area of page 1 should be 15.24 × 17.15 cm. The total area of all other pages should be 17.8 × 25.4 cm (7 × 10 inches).

Formulas, figures, graphs, schemes, and tables may be typed or drawn on separate sheets and pasted onto spaces of the text exactly as the page will appear in the Journal. Drawings and formulas should be clear, precise, attractive, and should be labelled with Arabic numerals. They must be large

enough to be read easily when the manuscript is photo-reduced by a factor of 20% on the journal pages. Manuscripts with unacceptable drawings will be returned to the authors for improvement. For figures, graphs, and tables, please apply the standards set by *J. Med. Chem.*

Nomenclature: Chemical names should be used for all drugs unless they are too cumbersome. Non-proprietary, generic names or names approved by the World Health Organization or the U.S. Adopted Names Council may be used; proprietary names must be avoided. The nomenclature of chemical compounds should conform with that adopted by the International Union of Pure and Applied Chemistry (IUPAC) and the International Union of Biochemistry. (See *Biochemistry* 1966, 5, 1455; *Europ. J. Biochem.*, 1977, 74, 1). Systematic names may be found in *Chemical Abstracts Index Guide, Appendix IV; Ring System Handbook*, American Chemical Society, Columbus, Ohio, 1988. IUPAC rules have been published in *Nomenclature of Organic Chemistry*, Section A-F, H, Pergamon Press, Elmsford, NY, 1979; For steroid names, see *Pure Appl. Chem.*, 61 (no. 10), 1783-1822 (1989). For naming enzymes, see *Enzyme Nomenclature*, Academic Press, New York 1984. For carbohydrates, see *Biochemistry*, 10, 3983 (1971); for prostaglandins, see *J. Med. Chem.*, 17, 911 (1974).

Abbreviations: Standard abbreviations should be used as given in the ACS Style Guide. In the interest of space economy, compounds should be given in a boldface (or underlined) number when first mentioned, and referred to by this number throughout the ensuing text. Common abbreviations may be used in formula schemes and Experimental Parts such as Me, Et, *i*-Pr, *t*-Bu, Ph, DMF, DMSO, IR, UV, NMR, GC, HPLC, TLC, bp, mp, dec., mL, g, mg, mol, mmol, h, sec, Et₂O, EtOAc, MeOH.

Chemical Data and Analyses: All new compounds reported in the Journal should be homogeneous and characterized by modern, analytical methods, such as chromatographic and spectral data. Routine elemental analyses that agree with calculated values within 0.4% should only be reported as in the following example: Anal. (C₂₀H₂₅N₄O₄), C, H, N. For natural, degradation, and metabolic products, the full elemental analysis must be recorded. On separate sheets, full analyses and physical data of all new compounds should be sent to the Editor. They will not appear in the Journal, but will remain deposited in the editorial files.

Biological Data: Quantitative (not merely qualitative) biological data must be reported for all compounds being tested. Biochemical and biological test methods must be referenced or described in sufficient detail to enable others to repeat the test. It is preferred that doses and concentrations be given in molar quantities. Salts of compounds should be designated.

References should be numbered consecutively as they appear in the text. Use Arabic numerals without parentheses. Each reference ends with a period. For the format of references, see the ACS Style Guide, pp. 106-114. Titles of articles are not favored; however, inclusive page numbers are preferred.

Synthetic Detail: Where new compounds are reported, some synthetic detail must be provided. There are two acceptable approaches. A standard, synthetic write-up can be included in the EXPERIMENTAL section. Alternatively, as is typical for a rapid communication, the synthesis can be explained in the CHEMISTRY section in narrative form. If the latter format is used, sufficient information necessary to characterize the new compound (e.g., melting point, recrystallization solvent, optical rotation) must be provided.

Example: As an example of a manuscript that meets our format and style requirements, see Carroll et al., *Med. Chem. Res.*, 1992, 2, 3-9.

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