

Editorial Policy

The *Journal of the Mexican Chemical Society (J. Mex. Chem. Soc.)*, former *Revista de la Sociedad Química de México (Rev. Soc. Quím. Méx.)*, from 1957 to 2004, is devoted to facilitate the advancement of our understanding of chemistry. It will publish original contributions of research in all areas of the theory and practice of chemistry in its broadest context, as well as critical reviews in areas where the author has significant scientific contributions. The language of submission and publication is English. Papers are submitted on the understanding that the subject matter has not been previously published or submitted for publication elsewhere. Editors, referees and authors have to follow and maintain the ethical standards widely accepted in chemical research (see for example: the ACS guidelines or the RSC guidelines). Authors must accept full responsibility for the accuracy, content and selection of the data presented. All papers are sent to referees who recommend the Editor on the acceptance or rejection of the script. Referee's names are not disclosed, but their comments are forwarded to the authors. Authors submitting a manuscript do so on the understanding that if it is accepted for publication, copyright of their article is transferred to the *Sociedad Química de México*.

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Authors are encouraged to send contributions in electronic form as MS Word file to editor@jmcs.org.mx with a copy to raquel.feregrino@jmcs.org.mx. On submitting their manuscripts, authors are encouraged to supply a cover letter suggesting the names and e-mail addresses of at least four potential referees. The cover letter may include the name of a member of the Editorial Board or the Advisory Editorial Board for manuscript assignment. If no acknowledgement receipt has been received after five working days, authors should contact the editor. All pages of the manuscript should be consecutively numbered. Accepted manuscripts should be resubmitted as MS Word file and separate files of the artwork in .TIFF, .JPG or PostScript formats. Black and white photographs must be scanned with a resolution of no less than 600 dpi. It is advisable to provide illustrations (figures, schemes, charts, tables, graphics) in the actual size at which they should appear in the printed version and should be designed to fit in one- or two-columns format. The journal will publish a graphical abstract which includes the title and the author list, and illustrates the content of the paper in a pictorial form. The graphical abstract is limited to 9.0 cm wide and 4.5 cm tall, and authors may examine *J. Mex. Chem. Soc.* **2005**, 49, 55-60 (joint issue with the *J. Braz. Chem. Soc.*) for appropriate examples. Page 1 should contain the article title (brief and informative), author(s) name(s) (first names and surnames, do not use initials for names, the corresponding author(s) should be indicated with an asterisk, use superscripts to indicate different addresses), complete affiliation(s) (the corresponding author's mailing address, phone number, fax number or e-mail address should be included). Page 2 should contain an abstract (both in English and Spanish, about 80 words) and five to eight key words in both languages.

A suggested organization of an article is: *Introduction, Results and Discussion, Experimental, Acknowledgements and References*. All the sections of the paper must be presented with the utmost conciseness and clarity. The measurements and data should be given in the International Units System (SI), and abbreviations should be used consistently through the text. Avoid reiteration of information. The discussion should present only the new results and relate them to existing knowledge in the field, and a paragraph summarizing the principal conclusion of the article is recommended. Complete X-ray data should be deposited at the Cambridge Crystallographic Data Centre or to Fachinformationszentrum Karlsruhe (FIZ), which will provide codes for each data set, which are then cited in a reference in the manuscript. If a representation of the crystal structure is to be included, it should be accompanied by pertinent

crystallographic data, method of collection, and methods of structure solution and refinement. The experimental section must contain all the information necessary for reproducibility. Convincing evidence to confirm the identity of a compound should be provided. All new compounds should be fully characterized with relevant and detailed spectroscopic data. For physical and spectroscopic data, the following general style must be used:

(3S)-7-Hydroxy-2',3',4',5',8-pentamethoxyisoflavan (1). Amorphous powder: mp 125-126°C; $[\alpha]_D^{20} + 3.12$ (c 0.320, MeOH); UV (MeOH) λ_{max} (log ϵ) 218 (3.91); 284 (2.89) nm; CD (c 0.0136, MeOH): $[\theta]_{210} -2.699$, $[\theta]_{226} 0.4130$, $[\theta]_{256} -0.8567$, $[\theta]_{265.5} -0.6865$; IR (CHCl₃) ν_{max} 3530, 2939, 2840, 1603, 1494, 1193, 1040 cm⁻¹; ¹H NMR (CDCl₃, 500 MHz) δ 6.72 (1H, dd, $J_{5,6} = 8.5$, $J_{4\alpha,5} = 1.0$ Hz, H-5), 6.53 (1H, dd, $J_{5,6} = 8.5$ Hz, H-6), 6.40 (1H, s, H-6'), 5.80 (1H, brs, OH), 4.39 (1H, ddd, $J_{2\beta,2\alpha} = 10.5$, $J_{2\beta,3\beta} = 3.5$, $J_{2\beta,4\beta} = 1.0$ Hz, H-2 β), 4.05 (1H, dd, $J_{2\beta,2\alpha} = J_{2\alpha,3\beta} = 10.5$ Hz, H-2 α), 3.95 (3H, s, CH₃O-C-3'), 3.92 (3H, s, CH₃O-C-8), 3.89 (3H, s, CH₃O-C-4'), 3.83 (3H, s, CH₃O-C-2'), 3.79 (3H, s, CH₃O-C-5'), 3.61 (1H, dddd, $J = 10.5$, 3.5, 5.5, 10.5 Hz, H-3), 2.96 (1H, ddd, $J_{4\alpha,4\beta} = 16.0$, $J_{4\alpha,3\beta} = 10.5$, $J_{4\alpha,5} = 1.0$ Hz, H-4 α), 2.90 (1H, ddd, $J = 16.0$, $J_{3\beta,4\beta} = 5.5$, $J_{2\beta,4\beta} = 1.0$ Hz, H-4 β); ¹³C NMR (CDCl₃, 125 MHz, assignments by APT and HMQC) δ 149.67 (C-5'), 147.60 (C-7), 147.15 (C-3'), 147.12 (C-8a), 145.50 (C-2'), 141.95 (C-4'), 134.80 (C-8), 128.90 (C-1'), 124.20 (C-5), 115.00 (C-4a), 107.10 (C-6), 70.28 (C-2), 61.89 (OCH₃-C-4'), 61.51 (OCH₃-C-2'), 61.00 (OCH₃-C-3'), 60.90 (OCH₃-C-8), 56.25 (OCH₃-C-5'), 31.84 (C-3), 31.32 (C-4); EIMS m/z (rel. int.): 376 [M]⁺ (73), 224 (100), 209 (42), 152 (16), 151 (38), 121 (14). *Anal.* C 63.65%, H 6.68%, calcd for C₂₀H₂₄O₇, C 63.82%, H 6.43%.

For computational results, pertinent data such as force field parameters and equations should be included, to allow readers to repeat and reproduce the calculations. References to the literature should be noted in the text in order of appearance with numerals between brackets and should coincide with entries in the References section. It is not recommended to include bibliography of difficult access (theses, abstracts of meetings, unpublished material, technical reports, work in press, etc.) as references. The style and punctuation should rigorously conform to the format in the following examples:

1. Kingsbury, J. S.; Corey, E. J. *J. Am. Chem. Soc.* **2005**, 127, 13813-13815
2. Vanden Berghe, D. A.; Vlietinck, A. J., in: *Methods in Plant Biochemistry*, Vol. 6, Hostettmann, K., Ed., Academic Press, London, **1991**, 47-70.
3. Lehn, J.-M. *Supramolecular Chemistry*. VCH, Ed. Weinheim, **1995**.
4. Kadin, S.B. *US patent* 4,730,004 **1988**. (CA 110, P23729y)
5. <http://www.jmcs.org.mx>, accessed in January, 2005
6. Sheldrick, G. M. *SHELXL-93. Program for Crystal Structure Refinement*. University of Göttingen, Germany. 1993.

Journal abbreviations, technical terms and nomenclature should be those used by *Chemical Abstracts*. Figures and tables must not be included in the body of the text. Tables and figures with their respective legends, each on an individual page, should be added after references.

The galley proofs of the accepted paper in PDF format are sent to the author who submitted the script. Corrected galley proofs should be returned preferably within 48 h by fax or courier mail in a marked printed copy. If edition errors are published, a correction should be sent by the author to the Editor for publication in the following issue.

The author will cover to *Sociedad Química de México* the cost per page corresponding to the technical edition and printing, and two issues of the Journal (ca. \$ 200.00 MN per page). The author may request by an explanatory letter the exemption of payment. The *Sociedad Química de México* is a non profit association and the acceptance of the articles for publication in the Journal is solely based on academic grounds.