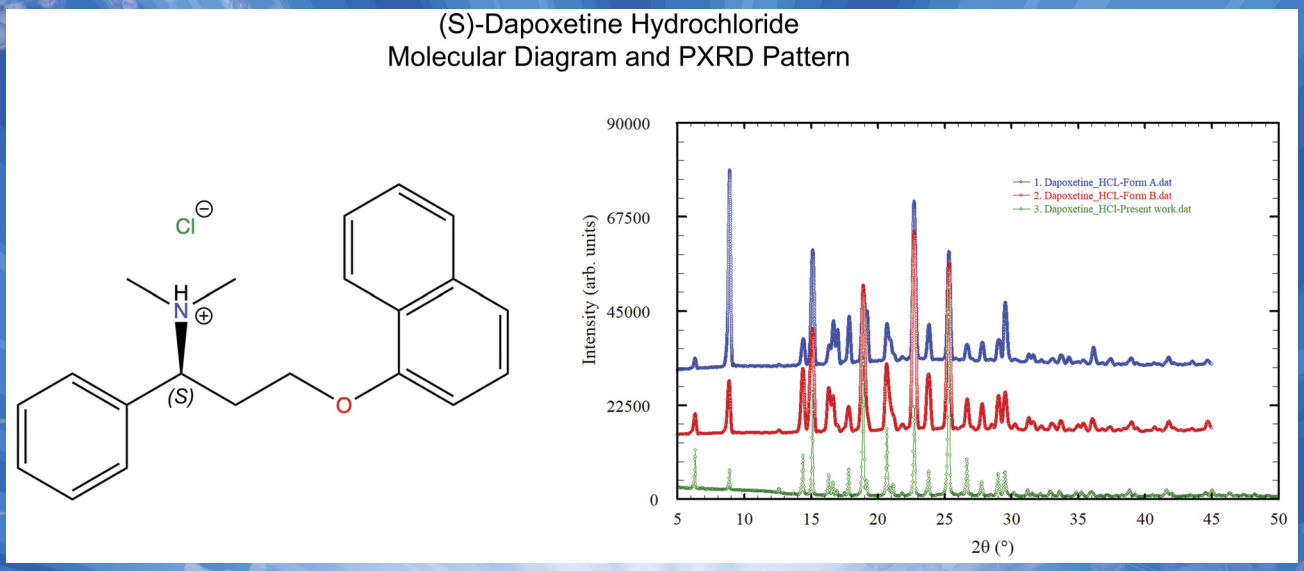
Powder Diffraction PDJ

Journal of Materials Characterization



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ICDD® International Centre for Diffraction Data

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Powder Diffraction
Journal of Materials Characterization

Journal of the International Centre for Diffraction Data
https://www.cambridge.org/core/journals/powder-diffraction
Volume 37, Issues 1-4

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Aims & Scope
ICDD's quarterly, and special topical issue, international journal, *Powder Diffraction*, focuses on materials characterization employing X-ray powder diffraction and related techniques. With feature articles covering a wide range of applications, from mineral analysis to epitactic growth of thin films to advances in application software and hardware, this journal offers a wide range of practical applications. ICDD, in collaboration with the Denver X-ray Conference Organizing Committee, has increased services for the subscribers of Powder Diffraction and authors of Advances in X-ray Analysis. Beginning in 2006, ICDD offered a copy of the previous year's edition of AXA to Powder Diffraction institutional subscribers who receive both print and on-line versions. This effectively doubles the number of articles annually available to Powder Diffraction subscribers and significantly increases the circulation for the authors in Advances in X-ray Analysis.

Subject coverage includes:
- Techniques and procedures in X-ray powder diffractometry
- Advances in instrumentation
- Study of materials including organic materials, minerals, metals and thin film superconductors
- Publication of powder data on new materials

International Centre for Diffraction Data
The International Centre for Diffraction Data (ICDD®) is a non-profit scientific organization dedicated to collecting, editing, publishing, and distributing powder diffraction data for the identification of materials. The membership of the ICDD consists of worldwide representation from academe, government, and industry.

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EDITORIAL

TECHNICAL ARTICLE

NEW DIFFRACTION DATA

DATA REPORT

INTERNATIONAL REPORT

CALENDARS OF MEETINGS, SHORT COURSES AND WORKSHOPS

On the Cover: In the manuscript "Crystal structure from laboratory X-ray powder diffraction data, DFT-D calculations, and Hirshfeld surface analysis of (S)-Dapoxetine Hydrochloride by Analio J. Dugarte-Dugarte, Robert A. Toro, Jacco van de Streek, Jose Antonio Henao, Graciela Diaz de Delgado, Jose Miguel Delgado the authors presented a thorough analysis of the structure of this active pharmaceutical ingredient and compared it to patterns reported in patents (Form A and Form B).

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GRANT-IN-AID FUNDS ARE AVAILABLE DO NOT DELAY!

Proposal Submission Deadlines
31 January and 31 July

Does your research project involve the preparation and characterization of new materials using powder diffraction techniques?

If the answer is YES, then ICDD's Grant Program is the perfect fit for you!

https://www.icdd.com/grant-in-aid

Please email sample patterns to:

Denise DelCasale
ICDD Grant-in-Aid Coordinator
Delcasale@icdd.com

ICDD for over *80 years* has been dedicated to collecting, editing, publishing, and distributing powder diffraction data for the identification of crystalline materials. To assist us in this growth, ICDD has called on researchers from around the world to contribute their experimental data. In return, ICDD supports their efforts by funds provided through our Grant-in-Aid Program.

ICDD's approved grantees receive these additional benefits:

- A 50% price reduction on a PDF-4+ or PDF-4/Organics product
- Financial support to aid current research projects
- Publication of pattern(s) in the Powder Diffraction File™ (PDF®) once approved by the Editorial Department
- Acknowledgement of your publication in the PDF with a certificate
- First-time grantees receive a complimentary one-year subscription to *Powder Diffraction Journal*

Celebrating 80 years 1941–2021 ICDD® International Centre for Diffraction Data

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