

# PROUS SCIENCE INTEGRITY®

INTEGRATED DRUG DISCOVERY AND DEVELOPMENT PORTAL



## HOW YOU BENEFIT

- Includes only carefully refined information
- Advanced knowledge management tools
- Updated daily
- Integrates both medicinal chemistry and genomics
- User-friendly search, browse, print and export features

## WHAT YOU CAN DO

- Access recent and relevant information at a click
- Drive higher-quality results in drug research and development
- Foster better decision-making
- Develop new approaches to information retrieval and analysis
- Manage data quickly and easily

## EMPOWERING THE FRONT-LINE OF DRUG RESEARCH AND INNOVATION

As early as 1958, Prous Science, a Thomson Reuters business, understood the need for a reliable information solution tailored to the needs of drug discovery chemists and biologists. The company's innovation was to view data from the perspective of a scientist, creating indexing systems and workflow tools designed expressly to help those at the front-line of drug research.

*Prous Science Integrity*® grew exactly out of this need. By integrating biological, chemical and pharmacological data on more than 275,000 compounds with demonstrated biological activity and almost 100,000 patent family records, it provides a unique knowledge solution designed to empower your discovery activities right where you most need it — at the bench.

*Prous Science Integrity* incorporates twelve key knowledge areas related to drug research and development: drugs and biologics, targets and pathways, genomics, biomarkers, organic synthesis, experimental pharmacology, pharmacokinetics/metabolism, clinical studies, disease briefings, companies and research institutions, literature, and patents.

It utilizes the latest technology to host and stream drug R&D science news, animations, presentations, webcasts, and company and research institution profiles direct to your desktop.

## ESSENTIAL PHARMACEUTICAL KNOWLEDGE BY SCIENTISTS, FOR SCIENTISTS

*Prous Science Integrity* provides the detailed data and cross-disciplinary framework to drive successful drug research and marketing.

Updated every day, its expertly refined drug information is integrated in a single, user-friendly, flexible source that can drive knowledge creation, target mission-critical milestones, and support faster, strategic decisions earlier in the discovery pipeline.

The key strength of *Prous Science Integrity* is the fact that it is designed, populated and supported by pharmaceutical scientists. Our PhD scientists provide an unparalleled depth of industry expertise that means we can add the features and content you value most — from concise product summaries to chemical structures emerging from the most recent patent and biomedical literature.



The *Prous Science Integrity* homepage

Hard data points — not just references — provide key information from in vitro and in vivo pharmacological assays and pharmacokinetics studies.

As importantly, the information is complete and consistent, including comprehensive pipeline, patent and reference data dating back to 1988, with a significant volume of back data also available.

*Prous Science Integrity* is used by pharmaceutical and biotechnology companies all around the world, from large multinational concerns to smaller niche entities. Regulatory agencies, academic institutions, and research centers also utilize the portal in their day-to-day activities.

It is used by scientists in all disciplines — including chemists, pharmacologists, molecular biologists — as well as by market researchers, licensing specialists, information professionals, and many others.

## A FRAMEWORK FOR ESSENTIAL SCIENTIFIC INTERACTIONS

- **Drugs & Biologics:** essential chemical and pharmacological information, and the development status of bioactive compounds in the drug pipeline.
- **Targets & Pathways:** target-based approaches to disease diagnosis and therapeutic intervention.
- **Genomics:** comprehensive genomics/proteomics data establishing the foundation that will lead from gene to disease.
- **Organic Synthesis:** routes of synthesis (schemes, intermediates, reagents, end products) for drugs currently on the market or in development.
- **Experimental Pharmacology:** data from experimental studies that delineate drug/receptor and enzyme/target cell interactions.
- **Pharmacokinetics/Metabolism:** data from experimental and clinical studies that delineate the absorption, distribution, metabolism and excretion (ADME) profile of a drug.
- **Clinical Studies:** comprehensive information on clinical trials of drugs currently under study or in use in humans.
- **Disease Briefings:** dynamic executive summaries on the current status of and future trends in drug therapy.
- **Companies & Research Institutions:** essential information on public and private companies, academic centers and research institutions active in the fields of pharmaceuticals and biotechnology.
- **Literature:** references to current biomedical literature, abstracts and proceedings from congresses and symposia and company communications.
- **Patents:** references to the most recent patent literature reflecting drug research activity throughout the world.

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