Pharmaceutical Substances

Syntheses • Patents • Applications

Approved APIs in focus

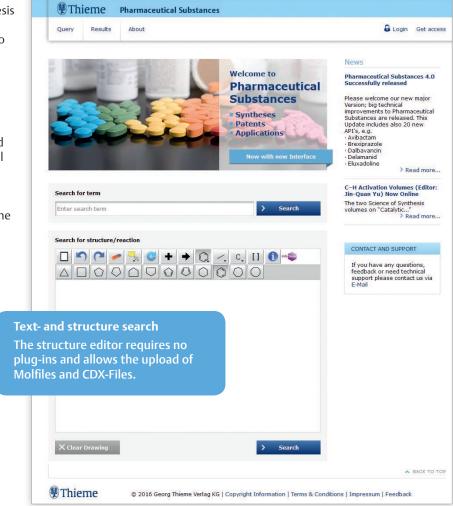


Pharmaceutical Substances -

Pharmaceutical Substances is a one-stop source of information relating to the industrial synthesis and commercial applications of every licensed drug of significance. It provides ready access to syntheses, patents, and applications for more than 2,600 active pharmaceutical ingredients (APIs).

Professors Axel Kleemann, Jürgen Engel, Bernhard Kutscher, and Dr. Dietmar Reichert present highly evaluated information collected from all the relevant literature and commercial patent data.

For more than 30 years, Pharmaceutical Substances has been a standard reference in the chemical and pharmaceutical industry.



Essential for research in the pharmaceutical industry

- Full synthetic route for the industrial manufacture of each drug elucidated from the patent literature
- Unique source of reactions that perform on an industrial scale
- Overview of the pharmaceutical industry from a synthetic chemist's perspective
- Insights into a therapeutic area and chemically related substances

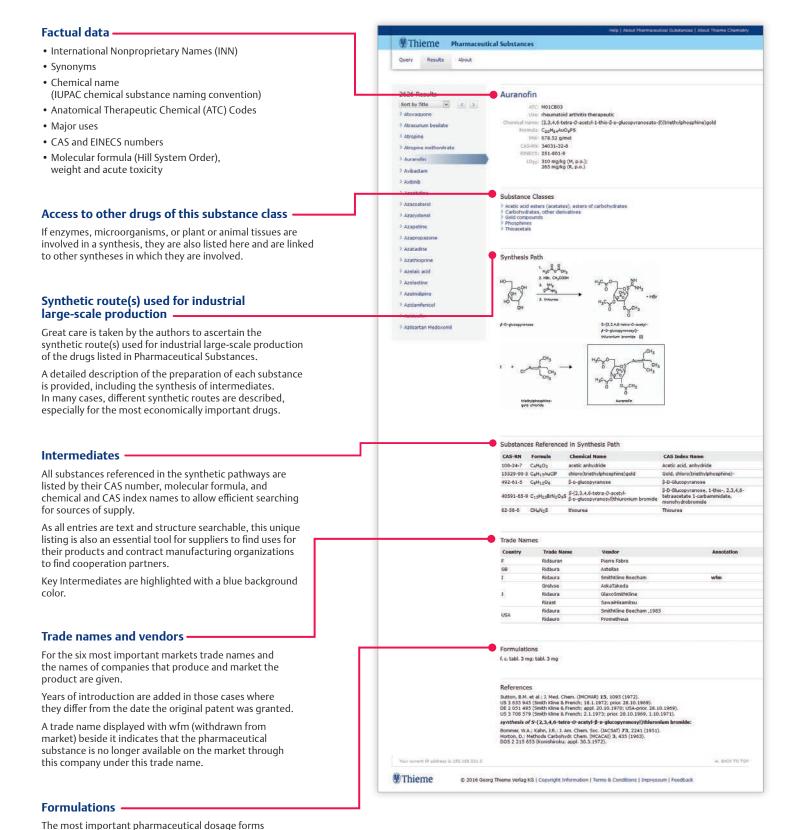
Essential for business development in the API industry

- First determination of the market size and competition for an API essential for development of new and generic pharmaceuticals
- Source of markets for synthesis intermediates, ingredients and enzymes
- Patent information including approval date and expiration
- Comprehensive coverage of older APIs and substances approved worldwide
- Merger and acquisition tracking ensuring that vendor information is up-to-date in a rapidly changing industry

Essential for teaching in medicinal and pharmaceutical chemistry

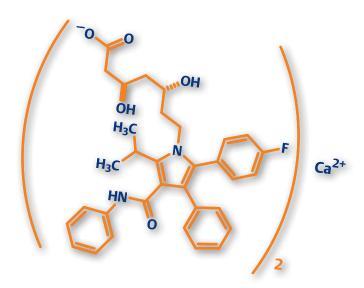
- Capability to search for marketed drugs relating to a structure or reaction
- A rapid overview of a therapeutic area or chemically related substances
- Industrial synthetic routes discerned from complex patent descriptions
- Insights into industrial processes and toxicity issues
- · Commercial information such as trade names and vendors/manufacturers for six world markets
- Concise records ideal for hand-outs and quick reference

All you need to know about pharmaceutical compounds at a glance!



are provided to enable the user to assess the order of magnitude a compound is needed in and thus helping

to estimate its commercial value.



"As a process research and development chemist, I appreciate the detailed reaction schemes which inform me on how every drug on the market can be made and the detailed references to not only the published literature but to patents."

Dr. Trevor Laird, formerly of Scientific Update LLP and Editor of Organic Process Research and Development.

How to get access

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System Requirements

- PC, Mac
- Supports all leading browsers (Internet Explorer 8 or higher, Safari for Mac, Firefox and Chrome)
- Online capable smartphone or tablet

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- Available to institutions through the internet
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