

Workshop Title:

MDL Patent Chemistry Database – Chemical Reactions and Substance Data for Scientists (Elsevier MDL)

Workshop Abstract:

MDL Patent Chemistry Database is a factual database (CrossFire) indexing chemical reactions, substances and substance related properties from patent publications in Organic Chemistry and Life Science (World since 1978, United States since 1976, European since 1978). The claims text in combination with Markush* structure and reaction display as well as viewing the Markush* Family helps to get a better understanding of the patent claim. Prophetic compounds - rarely covered elsewhere - are also indexed. Reactions have the experimental section from the patent text supplying crucial process details. For substances the measured data - e.g. spectral peaks and bioassay data* (IC50) - from the patent document are given and can be easily exported to SAR tables to make bioactivity profiling easier (*for patent documents published after December 2003).

The current workshop shows online search scenarios and demonstrates the unique content, the benefits for the scientist and the synergies with other data sources under DiscoveryGate.

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How to Register: Send an e-mail with your name, address, telephone number and job title to Eva Seip (e.seip@mdl.com)