

DiscoveryGate® “Also found in” links

The DiscoveryGate® content platform unites a variety of diverse data sources by providing an online system with over 20 underlying databases. In many cases, the most interesting and important chemical compounds are registered to more than one of the individual databases. To facilitate quick and efficient access to all relevant information, DiscoveryGate hyperlinks alert researchers to the occurrence of additional data for indexed compounds.

A chemist pursuing synthetic routes to biologically active furanones might retrieve the record shown in Figure 1 from the ChemInform Reaction Library. “Also found in” hyperlinks across the top of the display record provide one-click access to information in other databases. For example, the chemist can click on the ACD link (MDL® Available Chemicals Directory) to determine the commercial availability of the starting compound, phenylacetic acid (see Figure 2).

Similarly, researchers can explore anti-inflammatory activity of the reaction product by clicking on the MDDR (MDL® Drug Data Report) link, or they can obtain the OHS Material Safety Datasheets for starting materials, reagents and products via the OHS MSDS link. Related information from the MDL® Patent Chemistry Database and the MDL® Toxicity Database may be retrieved in the same way.

The “Also found in” hyperlinks mean that any search over an indexed database is automatically enhanced by a concomitant search over the entire MDL® Compound Index. From a single query, the system automatically retrieves records from any of the indexed sources with one or more chemical structure(s) in common—greatly enhancing the speed and comprehensiveness of searches for relevant information.

For more information on finding the information you need with DiscoveryGate, contact your Elsevier MDL Account Manager or submit a request for information at www.mdl.com.

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Figure 1: Record retrieved from ChemInform Reaction Library with “Also found in” hyperlinks across the top of the display

| ABCHEM-TECH (1 of 33) | | | | |
|-----------------------|--------------|---------------|--------|-------------------------------|
| Catalog Number | Package Size | Package Price | Purity | Other Info |
| AB-0039 | | USD POA | 99% | 103-82-2 PHENYLACETIC ACID |

| ACETO (2 of 33) | | | | |
|-----------------|--------------|---------------|--------|---|
| Catalog Number | Package Size | Package Price | Purity | Other Info |
| (001427) | | POA | | PHENYLACETIC ACID 1. PHARMACEUTICAL INTERMEDIATE |

| ACROS (3 of 33) | | | | |
|-----------------|--------------|---------------|--------|--|
| Catalog Number | Package Size | Package Price | Purity | Other Info |
| 13028-0050 | 5 G | USD 11.70 | 98.5% | 103-82-2 PHENYLACETIC ACID 1. AVAILABLE IN USA AND EUROPE 2. EINECS: 203-148-6 3. RTECS: A12430000 |

Figure 2: Determining commercial availability, purity and pricing of starting materials by clicking on the ACD link



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