

Resource Summary Report

Generated by [ASWG](#) on Aug 4, 2026

Chemical Methods Ontology

RRID:SCR_003286

Type: Tool

Proper Citation

Chemical Methods Ontology (RRID:SCR_003286)

Resource Information

URL: <https://github.com/rsc-ontologies/rsc-cmo>

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Description: An ontology that describes methods used to collect data in chemical experiments, such as mass spectrometry and electron microscopy; preparing and separating material for further analysis, such as sample ionization, chromatography, and electrophoresis; and synthesizing materials, such as epitaxy and continuous vapor deposition. It also describes the instruments used in these experiments, such as mass spectrometers and chromatography columns. It is intended to be complementary to the Ontology for Biomedical Investigations (OBI).

Abbreviations: CHMO, RSC CMO

Synonyms: RSC Chemical Methods Ontology

Resource Type: controlled vocabulary, data or information resource, ontology

Keywords: obo, chemistry, analytical chemistry, physical chemistry, material chemistry, method, health, mass spectrometry, electron microscopy, chemical experiment, sample ionization, chromatography, electrophoresis, instrument

Availability: Free, Available for download, Freely available

Resource Name: Chemical Methods Ontology

Resource ID: SCR_003286

Alternate IDs: nlx_157363

Alternate URLs: <http://purl.bioontology.org/ontology/CHMO>,
<http://purl.obolibrary.org/obo/chmo.owl>,
<http://www.ontobee.org/browser/index.php?o=CHMO>

Old URLs: <https://code.google.com/p/rsc-cmo/>

Record Creation Time: 20220129T080218+0000

Record Last Update: 20260804T043217+0000

Ratings and Alerts

No rating or validation information has been found for Chemical Methods Ontology.

No alerts have been found for Chemical Methods Ontology.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [ASWG](#) .

Dumschott K, et al. (2023) Ontologies for increasing the FAIRness of plant research data. Frontiers in plant science, 14, 1279694.