

Resource Summary Report

Generated by [NIF](#) on Aug 19, 2026

Chemical Information Ontology

RRID:SCR_003290

Type: Tool

Proper Citation

Chemical Information Ontology (RRID:SCR_003290)

Resource Information

URL: <https://github.com/egonw/semanticchemistry>

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Description: An ontology that aims to establish a standard in representing chemical information including chemical structure and the ability to richly describe chemical properties, whether intrinsic or computed. It includes terms for the descriptors commonly used in cheminformatics software applications and the algorithms which generate them.

Abbreviations: CHEMINF

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

Defining Citation: [PMID:21991315](#)

Keywords: owl, biochemistry, chemistry, chemical structure, chemical property, structure, property, molecular

Availability: Free, Available for download, Freely available

Resource Name: Chemical Information Ontology

Resource ID: SCR_003290

Alternate IDs: nlx_157362

Alternate URLs: <http://purl.bioontology.org/ontology/CHEMINF>,
<http://semanticchemistry.googlecode.com/svn/trunk/ontology/cheminf.owl>

Record Creation Time: 20220129T080218+0000

Record Last Update: 20260819T044100+0000

Ratings and Alerts

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

No alerts have been found for Chemical Information Ontology.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Hastings J, et al. (2015) eNanoMapper: harnessing ontologies to enable data integration for nanomaterial risk assessment. Journal of biomedical semantics, 6, 10.

Kamens J, et al. (2014) Addgene: making materials sharing "science as usual". PLoS biology, 12(11), e1001991.