

Resource Summary Report

Generated by SPARC SAWG on Aug 8, 2026

Drug Target Ontology

RRID:SCR_015581

Type: Tool

Proper Citation

Drug Target Ontology (RRID:SCR_015581)

Resource Information

URL: <http://drugtargetontology.org/>

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Description: Ontology of drug targets to be used as a reference for drug targets, with the longer-term goal of creating a community standard that will facilitate the integration of diverse drug discovery information from numerous heterogeneous resources. The project itself aims to develop a novel semantic framework to formalize knowledge about drug targets with a focus on the current IDG protein families.

Abbreviations: DTO

Synonyms: Drug Target Ontology (DTO)

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

Keywords: drug ontology, drug target ontology, protein family

Funding: NCI U54CA189205;
NHLBI U54HL127624

Availability: Available for download

Resource Name: Drug Target Ontology

Resource ID: SCR_015581

Alternate URLs: <https://github.com/DrugTargetOntology/DTO>
<http://bioportal.bioontology.org/ontologies/DTO>

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Record Creation Time: 20220129T080326+0000

Record Last Update: 20260808T190041+0000

Ratings and Alerts

No rating or validation information has been found for Drug Target Ontology.

No alerts have been found for Drug Target 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 [SPARC SAWG](#) .

Lin Y, et al. (2017) Drug target ontology to classify and integrate drug discovery data. Journal of biomedical semantics, 8(1), 50.

Cannon DC, et al. (2017) TIN-X: target importance and novelty explorer. Bioinformatics (Oxford, England), 33(16), 2601.