

Resource Summary Report

Generated by [ASWG](#) on Aug 27, 2026

PubChem Compound

RRID:SCR_010578

Type: Tool

Proper Citation

PubChem Compound (RRID:SCR_010578)

Resource Information

URL: <http://www.ncbi.nlm.nih.gov/pccompound>

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Description: One of three primary databases of PubChem (Pcsubstance, Pccompound, and PCBioAssay), PubChem Compound Database contains validated chemical depiction information provided to describe substances in PubChem Substance. Structures stored within PubChem Compounds are pre-clustered and cross-referenced by identity and similarity groups. Additionally, calculated properties and descriptors are available for searching and filtering of chemical structures. A PubChem FTP and structure download are available. New data are accepted into the repository.

Abbreviations: PubChem Compound, Pccompound

Synonyms: PubChem Compound Database, PubChem Compounds Database, Pccompound

Resource Type: software resource

Keywords: small molecule, biological activity, chemical structure, bioactivity, gold standard

Resource Name: PubChem Compound

Resource ID: SCR_010578

Alternate URLs: <http://www.ncbi.nlm.nih.gov/sites/entrez?db=pccompound>

Record Creation Time: 20251031T055657+0000

Record Last Update: 20260815T183256+0000

Ratings and Alerts

No rating or validation information has been found for PubChem Compound.

No alerts have been found for PubChem Compound.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Xu Z, et al. (2025) Exploring the effect and mechanism of Shaoyao Gancao Decoction in the treatment of pain in Parkinson's disease using network pharmacology and molecular docking. IBRO neuroscience reports, 18, 200.

Lin J, et al. (2025) Multi-omics and machine learning identify FN1 and ALDH2 as diagnostic biomarkers and therapeutic targets in early and late diabetic kidney disease. Renal failure, 47(1), 2577849.

Jia Z, et al. (2023) Possible mechanisms of treatment for spinal cord injury repair with tanshinone IIA. Frontiers in molecular neuroscience, 16, 1277755.

Nie YY, et al. (2022) Hizikia fusiforme functional oil (HFFO) prevents neuroinflammation and memory deficits evoked by lipopolysaccharide/aluminum trichloride in zebrafish. Frontiers in aging neuroscience, 14, 941994.

Ahmed EA, et al. (2022) Beta-Caryophyllene Enhances the Anti-Tumor Activity of Cisplatin in Lung Cancer Cell Lines through Regulating Cell Cycle and Apoptosis Signaling Molecules. Molecules (Basel, Switzerland), 27(23).

Feng Z, et al. (2022) Clinical Trials of Liposomes in Children's Anticancer Therapy: A Comprehensive Analysis of Trials Registered on ClinicalTrials.gov. International journal of nanomedicine, 17, 1843.

Zhao Q, et al. (2022) Deciphering the Underlying Mechanisms of Formula Le-Cao-Shi Against Liver Injuries by Integrating Network Pharmacology, Metabonomics, and Experimental Validation. Frontiers in pharmacology, 13, 884480.

Li M, et al. (2021) Analysis of Differentiated Chemical Components between Zijuan Purple Tea and Yunkang Green Tea by UHPLC-Orbitrap-MS/MS Combined with Chemometrics. Foods (Basel, Switzerland), 10(5).