PubChem
RRID:SCR_004284
Type: Tool

Proper Citation
PubChem (RRID:SCR_004284)

Resource Information


**Proper Citation:** PubChem (RRID:SCR_004284)

**Description:** Collection of information about chemical structures and biological properties of small molecules and siRNA reagents hosted by the National Center for Biotechnology Information (NCBI).

**Resource Type:** storage service resource, database, service resource, data or information resource, data repository

**Defining Citation:** PMID:21418625, PMID:21272340, PMID:20970519, PMID:20298522, PMID:19825798

**Keywords:** collection, information, data, chemical, structure, biological, property, small, molecule, siRNA reagent, bio.tools

**Funding Agency:** NLM

**Availability:** Public, Open access, Acknowledgement requested, Account required

**Resource Name:** PubChem

**Resource ID:** SCR_004284

**Alternate IDs:** nlx_29861, OMICS_01587, biotools:pubchem, nlx_42691, SCR_010578, SCR_010578, nlx_42691

**Alternate URLs:** https://bio.tools/pubchem
Ratings and Alerts

No rating or validation information has been found for PubChem.

No alerts have been found for PubChem.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 7160 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID.


Park SY, et al. (2023) Six Spain Thymus essential oils composition analysis and their in vitro and in silico study against Streptococcus mutans. BMC complementary medicine and therapies, 23(1), 106.


Qi X, et al. (2023) Sanguinarine inhibits melanoma invasion and migration by targeting the FAK/PI3K/AKT/mTOR signalling pathway. Pharmaceutical biology, 61(1), 696.


Li S, et al. (2023) Exploring the pharmacological and adverse reaction mechanism of a drug by network pharmacology strategy: Using colchicine to treat Behcet syndrome as an example. Medicine, 102(14), e33486.


Zhang X, et al. (2023) Network pharmacology and bioinformatics to identify molecular mechanisms and therapeutic targets of Ruyi Jinhuang Powder in the treatment of monkeypox. Medicine, 102(17), e33576.

Feng L, et al. (2023) Pharmacological Mechanism of Aucklandiae Radix against Gastric Ulcer Based on Network Pharmacology and In Vivo Experiment. Medicina (Kaunas, Lithuania), 59(4).


Tran TTV, et al. (2023) Artificial Intelligence in Drug Metabolism and Excretion Prediction: Recent Advances, Challenges, and Future Perspectives. Pharmaceutics, 15(4).

Elverson K, et al. (2023) Tadalafil Rescues the p.M325T Mutant of Best1 Chloride Channel. Molecules (Basel, Switzerland), 28(8).