

Resource Summary Report

Generated by PRECISE-TBI on Aug 1, 2026

Odor Molecules DataBase

RRID:SCR_007286

Type: Tool

Proper Citation

Odor Molecules DataBase (RRID:SCR_007286)

Resource Information

URL: <http://senselab.med.yale.edu/odordb>

Proper Citation: Odor Molecules DataBase (RRID:SCR_007286)

Description: OdorDb is a database of odorant molecules, which can be searched in a few different ways. One can see odorant molecules in the OdorDB, and the olfactory receptors in ORDB that they experimentally shown to bind. You can search for odorant molecules based on their attributes or identities: Molecular Formula, Chemical Abstracts Service (CAS) Number and Chemical Class. Functional studies of olfactory receptors involve their interactions with odor molecules. OdorDB contains a list of odors that have been identified as binding to olfactory receptors.

Abbreviations: OdorDB

Resource Type: data or information resource, database

Keywords: genetics, cellular, molecular, olfactory, receptor, training material

Related Condition: Aging

Funding: Human Brain Project ;
NIMH ;
NIA ;
NICD ;
NINDS ;
Multidisciplinary University Research Initiative ;
NIDCD RO1 DC 009977

Resource Name: Odor Molecules DataBase

Resource ID: SCR_007286

Alternate IDs: nif-0000-00056

Record Creation Time: 20220129T080241+0000

Record Last Update: 20260729T044144+0000

Ratings and Alerts

No rating or validation information has been found for Odor Molecules DataBase.

No alerts have been found for Odor Molecules DataBase.

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 [PRECISE-TBI](#) .

Marenco L, et al. (2016) ORDB, HORDE, ODORactor and other on-line knowledge resources of olfactory receptor-odorant interactions. Database : the journal of biological databases and curation, 2016.