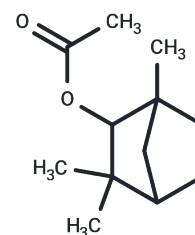


## Fenchyl acetate

## Chemical Properties

CAS No. :	13851-11-1
Formula:	C <sub>12</sub> H <sub>20</sub> O <sub>2</sub>
Molecular Weight:	196.29
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Fenchyl acetate is a fragrance ingredient.
-------------	--

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.0945 mL	25.4725 mL	50.945 mL
5 mM	1.0189 mL	5.0945 mL	10.189 mL
10 mM	0.5095 mL	2.5473 mL	5.0945 mL
50 mM	0.1019 mL	0.5095 mL	1.0189 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

- Asakawa Y, Ludwiczuk A, Sakurai K, Tomiyama K, Kawakami Y, Yaguchi Y. Comparative Study on Volatile Compounds of *Alpinia japonica* and *Elettaria cardamomum*. *J Oleo Sci.* 2017 Aug 1;66(8):871-876. doi: 10.5650/jos.ess17048. Epub 2017 Jul 12. PubMed PMID: 28701653.
- Huong le T, Thang TD, Ogunwande IA. Chemical constituents of essential oils from the leaves, stems, roots and fruits of *Alpinia polyantha*. *Nat Prod Commun.* 2015 Feb;10(2):367-8. PubMed PMID: 25920286.
- Mihara S, Shibamoto T. The role of flavor and fragrance chemicals in TRPA1 (transient receptor potential cation channel, member A1) activity associated with allergies. *Allergy Asthma Clin Immunol.* 2015 Mar 16;11(1):11. doi: 10.1186/s13223-015-0074-0. eCollection 2015. PubMed PMID: 25897313; PubMed Central PMCID: PMC4404258.
- Talaat IM, Khattab HI, Ahmed AM. Changes in growth, hormones levels and essential oil content of *Ammi visnaga* L. plants treated with some bioregulators. *Saudi J Biol Sci.* 2014 Sep;21(4):355-65. doi: 10.1016/j.sjbs.2013.10.008. Epub 2013 Nov 19. PubMed PMID: 25183946; PubMed Central PMCID: PMC4150225.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481