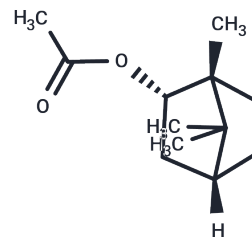


(+)-Bornyl Acetate

Chemical Properties

CAS No. :	20347-65-3
Formula:	C ₁₂ H ₂₀ O ₂
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	L-Threonic acid Calcium Salt is an anti-osteoporotic that stimulates ascorbic acid absorption and is commonly used in calcium supplements.
Targets(IC50)	Others, Interleukin

Solubility Information

Solubility	DMSO: 60 mg/mL (305.67 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

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

- Jun-Ichiro Horiuchi, et al. Exposing Arabidopsis seedlings to borneol and bornyl acetate affects root growth: Specificity due to the chemical and optical structures of the compounds. *Journal of Plant Interactions*. 17 Sep 2007. Volume 2, Issue 2: 101-104.
- Katarzyna Chruszcz-Lipska, et al. In Situ Analysis of Chiral Components of Pichtae Essential Oil by Means of ROA Spectroscopy: Experimental and Theoretical Raman and ROA Spectra of Bornyl Acetate. *Journal of Raman Spectroscopy*. 2012, 43(2):286-293.

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