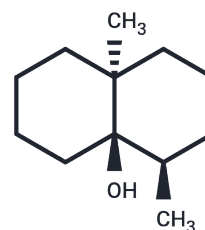


(±)-Geosmin**Chemical Properties**

CAS No. : 16423-19-1
 Formula: C₁₂H₂₂O
 Molecular Weight: 182.3
 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	(±)-Geosmin, a natural compound, is biologically active in producing an earthy aroma. It plays a crucial role in microbial metabolism and is frequently used as a flavoring agent in food and fragrance in air. Additionally, (±)-Geosmin is under investigation for its potential to detect contamination in soil and water bodies.
Targets(IC50)	Others,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.4855 mL	27.4273 mL	54.8546 mL
5 mM	1.0971 mL	5.4855 mL	10.9709 mL
10 mM	0.5485 mL	2.7427 mL	5.4855 mL
50 mM	0.1097 mL	0.5485 mL	1.0971 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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