

1,8-Cineole

Chemical Properties

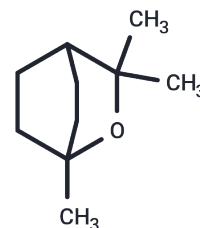
CAS No. : 470-82-6

Formula: C₁₀H₁₈O

Molecular Weight: 154.25

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Eucalyptol, a natural monoterpene and cyclic ether found in eucalyptus species, effectively controls excessive airway mucus secretion and asthma by inhibiting pro-inflammatory cytokines. It serves as an efficacious treatment for non-purulent sinusitis, reducing inflammation and pain when applied topically, and demonstrating leukemic cell-killing capabilities in vitro.
Targets(IC50)	Others,5-HT Receptor,Interleukin,Potassium Channel,TNF

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.483 mL	32.4149 mL	64.8298 mL
5 mM	1.2966 mL	6.483 mL	12.966 mL
10 mM	0.6483 mL	3.2415 mL	6.483 mL
50 mM	0.1297 mL	0.6483 mL	1.2966 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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