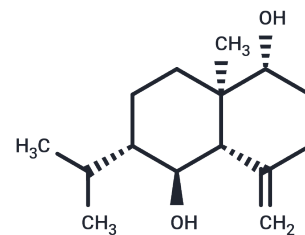


Voleneol

Chemical Properties

CAS No. :	70389-88-7
Formula:	C ₁₅ H ₂₆ O ₂
Molecular Weight:	238.37
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	1β,6α-Dihydroxyeudesm-4(15)-ene (Voleneol,DE) can attenuate the lipopolysaccharide (LPS)-induced inflammation in BV2 microglial cells, it also can dose-dependently suppress the protein expression of inducible nitric oxide synthase (iNOS) and cyclooxygenase-2 (COX-2), suggest that DE may be a good candidate to regulate LPS-induced inflammatory response.
Targets(IC50)	NOS,COX,Prostaglandin Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.1952 mL	20.9758 mL	41.9516 mL
5 mM	0.839 mL	4.1952 mL	8.3903 mL
10 mM	0.4195 mL	2.0976 mL	4.1952 mL
50 mM	0.0839 mL	0.4195 mL	0.839 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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

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