Data Sheet (Cat.No.TN8025)

TargetMol

α-Bulnesene

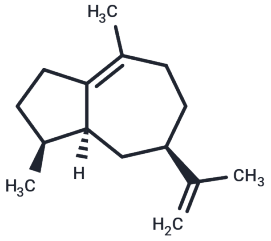
Chemical Properties

CAS No. : 3691-11-0

Formula: C15H24

Molecular Weight: 204.35

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	α-Bulnesene, a novel PAF (platelet-activating factor) receptor antagonist, exhibits an IC50 of 17.62 μM. It can be isolated from patchouli. α-Bulnesene inhibits both PAF and arachidonic acid-induced aggregation of rabbit platelets.
Targets(IC50)	PAFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.8936 mL	24.4678 mL	48.9356 mL
5 mM	0.9787 mL	4.8936 mL	9.7871 mL
10 mM	0.4894 mL	2.4468 mL	4.8936 mL
50 mM	0.0979 mL	0.4894 mL	0.9787 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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