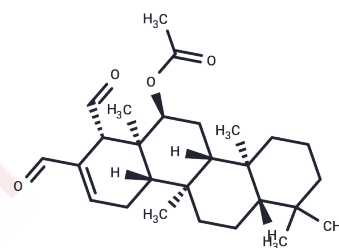


Scalaradial

Chemical Properties

CAS No. : 53527-28-9
 Formula: C₂₇H₄₀O₄
 Molecular Weight: 428.60
 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	Scalaradial is an inhibitor of bee venom phospholipase A2 (PLA2) and TRPM ion channels (TRPM2) with IC ₅₀ values of 0.07 and 0.21 μM. It regulates ERK phosphorylation by inhibiting secretory PLA2 and Akt. Additionally, Scalaradial prevents the release of Arachidonic acid in mouse peritoneal macrophages induced by PMA.
Targets(IC ₅₀)	ERK,Akt,Phospholipase,TRP/TRPV Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3332 mL	11.6659 mL	23.3318 mL
5 mM	0.4666 mL	2.3332 mL	4.6664 mL
10 mM	0.2333 mL	1.1666 mL	2.3332 mL
50 mM	0.0467 mL	0.2333 mL	0.4666 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

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

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