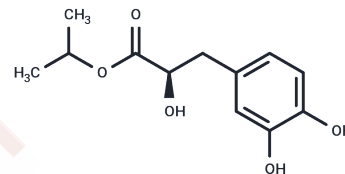


(R)-IDHP

Chemical Properties

CAS No. :	950665-05-1
Formula:	C ₁₂ H ₁₆ O ₅
Molecular Weight:	240.25
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	(R)-IDHP, an isomer of IDHP and a metabolite of salvia, exhibits vasorelaxant properties by inhibiting calcium (Ca ²⁺) release and inward flow through both voltage-dependent and receptor-operated calcium channels in vascular smooth muscle cells. It is utilized in cardiovascular disease research [1].
Targets(IC50)	Others, Calcium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.1623 mL	20.8117 mL	41.6233 mL
5 mM	0.8325 mL	4.1623 mL	8.3247 mL
10 mM	0.4162 mL	2.0812 mL	4.1623 mL
50 mM	0.0832 mL	0.4162 mL	0.8325 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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