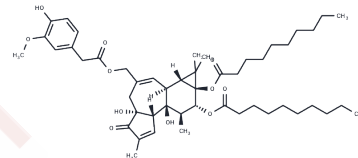


PDDHV

Chemical Properties

CAS No. : 179469-40-0
 Formula: C49H72O11
 Molecular Weight: 837.09
 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	PDDHV is a resiniferatoxin-type phorboid vanilloid with capsaicin-like selectivity for the cloned rat transient receptor potential cation channel subfamily V member 1 (TRPV1), formerly known as vanilloid receptor 1. It induces Ca ²⁺ -uptake by rat dorsal root ganglion neurons with an EC ₅₀ value of 70 nM.
Targets(IC50)	Others, Calcium Channel

Solubility Information

Solubility	DMSO: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1946 mL	5.9731 mL	11.9461 mL
5 mM	0.2389 mL	1.1946 mL	2.3892 mL
10 mM	0.1195 mL	0.5973 mL	1.1946 mL
50 mM	0.0239 mL	0.1195 mL	0.2389 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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