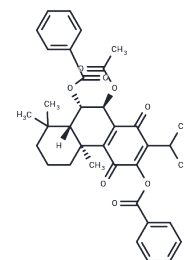


Roy-Bz

Chemical Properties

CAS No. :	1246304-91-5
Formula:	C ₃₆ H ₃₈ O ₈
Molecular Weight:	598.692
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	Roy-Bz is a potent and selective activator of protein kinase C delta (PKCδ). It effectively inhibits proliferation in colon cancer cells by initiating a mitochondrial apoptotic pathway that relies on PKCδ and involves the activation of caspase-3.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6703 mL	8.3516 mL	16.7031 mL
5 mM	0.3341 mL	1.6703 mL	3.3406 mL
10 mM	0.167 mL	0.8352 mL	1.6703 mL
50 mM	0.0334 mL	0.167 mL	0.3341 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.

Reference

Bessa C, et al. Discovery of a small-molecule protein kinase Cδ-selective activator with promising application in colon cancer therapy. Cell Death Dis. 2018 Jan 18;9(2):23.

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