

(Rac)-BDA-366

Chemical Properties

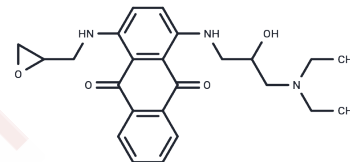
CAS No. : 142645-19-0

Formula: C₂₄H₂₉N₃O₄

Molecular Weight: 423.50

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	(Rac)-BDA-366 (example 2) is the racemate of BDA-366, a potent Bcl-2 antagonist with a Ki of 3.3 nM. It shows high affinity and selectivity for the Bcl-2-BH4 domain. BDA-366 induces a conformational change in Bcl-2, neutralizing its anti-apoptotic function and converting Bcl-2 from a survival molecule into a cell death inducer. Additionally, BDA-366 can inhibit the growth of lung cancer cells.
Targets(IC50)	Bcl-2 Family

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3613 mL	11.8064 mL	23.6128 mL
5 mM	0.4723 mL	2.3613 mL	4.7226 mL
10 mM	0.2361 mL	1.1806 mL	2.3613 mL
50 mM	0.0472 mL	0.2361 mL	0.4723 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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