

FIM-1

Chemical Properties

CAS No. : 220518-50-3

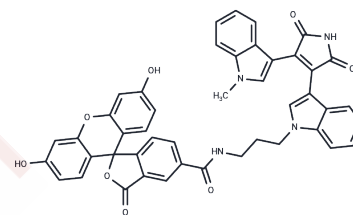
Formula: C45H32N4O8

Molecular Weight: 756.76

Keep away from direct sunlight

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	FIM-1, a fluorescent probe for protein kinase C (PKC), facilitates mitochondrial staining and serves as an ATP-competitive inhibitor at the catalytic site of PKC, effectively inhibiting its activity [1].
Targets(IC50)	Others,PKC

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3214 mL	6.6071 mL	13.2142 mL
5 mM	0.2643 mL	1.3214 mL	2.6428 mL
10 mM	0.1321 mL	0.6607 mL	1.3214 mL
50 mM	0.0264 mL	0.1321 mL	0.2643 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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