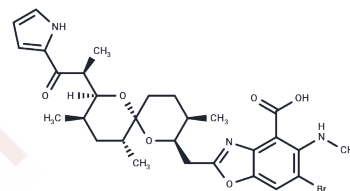


4-Bromo A23187

Chemical Properties

CAS No. :	76455-48-6
Formula:	C ₂₉ H ₃₆ BrN ₃ O ₆
Molecular Weight:	602.52
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	4-Bromo A23187, a halogenated analog of the calcium ionophore A-23187, acts as a calcium modulator and induces apoptosis in various cells.
Targets(IC50)	Apoptosis,Others,Calcium Channel,Antibacterial,Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6597 mL	8.2985 mL	16.597 mL
5 mM	0.3319 mL	1.6597 mL	3.3194 mL
10 mM	0.166 mL	0.8298 mL	1.6597 mL
50 mM	0.0332 mL	0.166 mL	0.3319 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

Zhu WH, et al. Roles of calcium in the regulation of apoptosis in HL-60 promyelocytic leukemia cells. Life Sci. 1995; 57(23):2091-9.

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