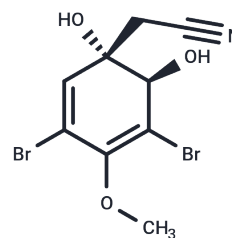


Aerophysinin 1

Chemical Properties

CAS No. :	28656-91-9
Formula:	C ₉ H ₉ Br ₂ NO ₃
Molecular Weight:	338.98
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	Aerophysinin I is an antibacterial compound from the sponge. It has cytotoxic activity against colon cancer cells by promoting β -catenin degradation.
Targets(IC50)	Apoptosis,Others,HIV Protease,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.950 mL	14.7501 mL	29.5003 mL
5 mM	0.590 mL	2.950 mL	5.9001 mL
10 mM	0.295 mL	1.475 mL	2.950 mL
50 mM	0.059 mL	0.295 mL	0.590 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

Park S, Kim JH, Kim JE, Song GY, Zhou W, Goh SH, Na M, Oh S. Cytotoxic activity of aerophysinin-1 against colon cancer cells by promoting β -catenin degradation. Food Chem Toxicol. 2016 Jul;93:66-72. doi: 10.1016/j.fct.2016.04.019. Epub 2016 Apr 24. PubMed PMID: 27120392.

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