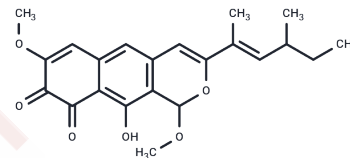


Laccaridione A

Chemical Properties

CAS No. :	320369-80-0
Formula:	C ₂₂ H ₂₄ O ₆
Molecular Weight:	384.422
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	Laccaridione A can inhibit the activity of anti-serine proteases. The IC ₅₀ values of Laccaridione A for inhibiting trypsin, papain, thermolysin, collagenase, and zinc proteases are 14.7 µg/mL, 2.5 µg/mL, 18.8 µg/mL, 7.2 µg/mL, and 18.2 µg/mL, respectively.
Targets(IC ₅₀)	Serine Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6013 mL	13.0066 mL	26.0132 mL
5 mM	0.5203 mL	2.6013 mL	5.2026 mL
10 mM	0.2601 mL	1.3007 mL	2.6013 mL
50 mM	0.052 mL	0.2601 mL	0.5203 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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