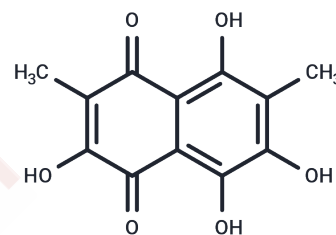


Aureoquinone

Chemical Properties

CAS No. :	321658-21-3
Formula:	C ₁₂ H ₁₀ O ₆
Molecular Weight:	250.204
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	Aureoquinone is a broad-spectrum proteinase (protease) inhibitor. It inhibits trypsin, papain, thermolysin, collagenase, and pronase, with IC ₅₀ values of 11.4 µg/mL, 14.5 µg/mL, 17.8 µg/mL, 7.1 µg/mL, and 8.7 µg/mL, respectively.
Targets(IC ₅₀)	Serine Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9968 mL	19.984 mL	39.968 mL
5 mM	0.7994 mL	3.9968 mL	7.9936 mL
10 mM	0.3997 mL	1.9984 mL	3.9968 mL
50 mM	0.0799 mL	0.3997 mL	0.7994 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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