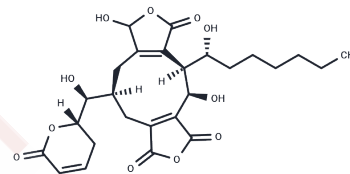


Rubratoxin A

Chemical Properties

CAS No. :	22467-31-8
Formula:	C ₂₆ H ₃₂ O ₁₁
Molecular Weight:	520.531
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	Rubratoxin A is a classical mycotoxin used as a PP2A-specific inhibitor.
Targets(IC50)	Others, Phosphatase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9211 mL	9.6056 mL	19.2112 mL
5 mM	0.3842 mL	1.9211 mL	3.8422 mL
10 mM	0.1921 mL	0.9606 mL	1.9211 mL
50 mM	0.0384 mL	0.1921 mL	0.3842 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

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- Phillips TD, Hayes AW. Structural modification of polyfunctional rubratoxin B: effects on mammalian adenosine triphosphatase. *J Environ Pathol Toxicol.* 1979 Jan-Feb;2(3):853-60. PubMed PMID: 217944.
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