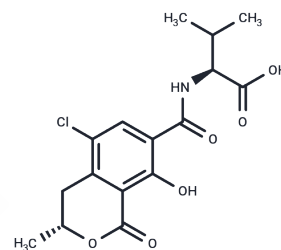


Valyl-ochratoxin A

Chemical Properties

CAS No. :	56222-78-7
Formula:	C ₁₆ H ₁₈ ClNO ₆
Molecular Weight:	355.77
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	Valyl-ochratoxin A is a phenylalanyl moiety of ochratoxin A replaced by valine. It is a yeast valyl-tRNA synthetase inhibitor.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8108 mL	14.054 mL	28.108 mL
5 mM	0.5622 mL	2.8108 mL	5.6216 mL
10 mM	0.2811 mL	1.4054 mL	2.8108 mL
50 mM	0.0562 mL	0.2811 mL	0.5622 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

Creppy EE, Mayer M, Kern D, Schlegel M, Steyn PS, Vleggaar R, Dirheimer G. In vitro inhibition of yeast valyl-tRNA synthetase by the valine homologue of ochratoxin A. *Biochim Biophys Acta*. 1981 Dec 28;656(2):265-8. PubMed PMID: 6274411.

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