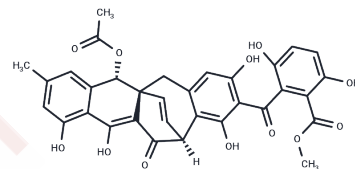


Acremonidin A

Chemical Properties

CAS No. :	701914-77-4
Formula:	C ₃₃ H ₂₆ O ₁₂
Molecular Weight:	614.55
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	Acremonidin A, a potent inhibitor of calmodulin (CaM), is identified in <i>Purpureocillium lilacinum</i> . It demonstrates strong affinity for the human calmodulin (hCaM) biosensor hCaM M124C-mBBr, exhibiting a dissociation constant (K _d) of 19.40 nM.
Targets(IC ₅₀)	CaMK,Others,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6272 mL	8.136 mL	16.2721 mL
5 mM	0.3254 mL	1.6272 mL	3.2544 mL
10 mM	0.1627 mL	0.8136 mL	1.6272 mL
50 mM	0.0325 mL	0.1627 mL	0.3254 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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