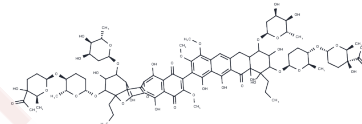


Hibarimicin A

Chemical Properties

CAS No. :	208588-76-5
Formula:	C ₈₅ H ₁₁₂ O ₃₇
Molecular Weight:	1725.78
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Hibarimicin A is a tyrosine kinase inhibitor. It selectively inhibits the activity of src tyrosine kinase without affecting protein kinase A and C. Additionally, Hibarimicin A exhibits moderate activity against Gram-positive bacteria with a MIC ranging from 0.8 to 12.56 µg/mL.
Targets(IC50)	Antibacterial,Src

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5794 mL	2.8972 mL	5.7945 mL
5 mM	0.1159 mL	0.5794 mL	1.1589 mL
10 mM	0.0579 mL	0.2897 mL	0.5794 mL
50 mM	0.0116 mL	0.0579 mL	0.1159 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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