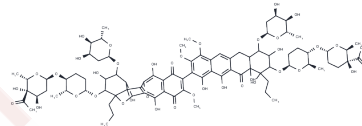


## Hibarimicin D

## Chemical Properties

CAS No. :	208588-87-8
Formula:	C <sub>85</sub> H <sub>112</sub> O <sub>38</sub>
Molecular Weight:	1741.78
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	Hibarimicin D is a tyrosine kinase inhibitor that selectively inhibits the activity of src tyrosine kinase. Additionally, Hibarimicin D exhibits moderate activity against Gram-positive bacteria, with a MIC range of 0.8-12.56 µg/mL.
Targets(IC50)	Src

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5741 mL	2.8706 mL	5.7413 mL
5 mM	0.1148 mL	0.5741 mL	1.1483 mL
10 mM	0.0574 mL	0.2871 mL	0.5741 mL
50 mM	0.0115 mL	0.0574 mL	0.1148 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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