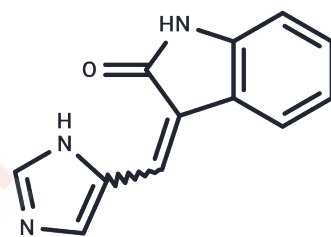


Tripolin B

Chemical Properties

CAS No. :	186611-44-9
Formula:	C ₁₂ H ₉ N ₃ O
Molecular Weight:	211.22
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	Tripolin B is an ATP-competitive inhibitor of Aurora kinases, with IC ₅₀ values of 2.5 μM and 6 μM for Aurora A and Aurora B kinases, respectively. However, it exhibits no inhibitory effect within cells.
Targets(IC ₅₀)	Aurora Kinase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.7344 mL	23.672 mL	47.344 mL
5 mM	0.9469 mL	4.7344 mL	9.4688 mL
10 mM	0.4734 mL	2.3672 mL	4.7344 mL
50 mM	0.0947 mL	0.4734 mL	0.9469 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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