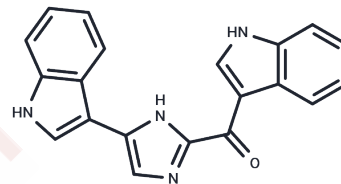


Deoxytopsentin

Chemical Properties

CAS No. :	112515-42-1
Formula:	C ₂₀ H ₁₄ N ₄ O
Molecular Weight:	326.351
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	Deoxytopsentin is a compound found in marine sponges that acts as an inhibitor of methicillin-resistant Staphylococcus aureus (MRSA) pyruvate kinase (PK) with an IC ₅₀ of 240 nM. Deoxytopsentin is useful in research focused on anti-infection.
Targets(IC ₅₀)	PKM

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0642 mL	15.321 mL	30.6419 mL
5 mM	0.6128 mL	3.0642 mL	6.1284 mL
10 mM	0.3064 mL	1.5321 mL	3.0642 mL
50 mM	0.0613 mL	0.3064 mL	0.6128 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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