Data Sheet (Cat.No.TN9118)

TargetMol

Argyrin A

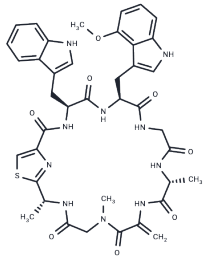
Chemical Properties

CAS No. : 174423-37-1

Formula: C40H44N10O8S

Molecular Weight: 824.905

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	Argyrin A is a cyclic peptide and potent antitumor agent. It functions by inhibiting the proteasome (proteasome), leading to increased levels of endogenous p27kip1 by preventing protein turnover.
Targets(IC50)	Proteasome

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2123 mL	6.0613 mL	12.1225 mL
5 mM	0.2425 mL	1.2123 mL	2.4245 mL
10 mM	0.1212 mL	0.6061 mL	1.2123 mL
50 mM	0.0242 mL	0.1212 mL	0.2425 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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