

CST 530

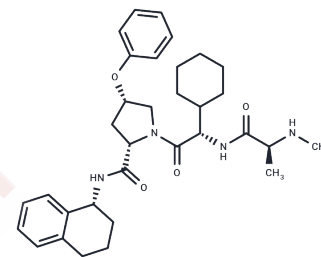
Chemical Properties

CAS No. : 847137-53-5

Formula: C₃₃H₄₄N₄O₄

Molecular Weight: 560.727

Storage: Keep away from direct sunlight
 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	CST 530 is a monovalent IAP antagonist. It induces cIAP1 and cIAP2 autodegradation in MM.1S cells (cIAP1 degradation at 0.1 μM and cIAP2 degradation at 1 μM after 16 hours). CST 530 reduces cell viability in multiple cancer cell lines including SUDHL6, MOLM13, and HEL (IC ₅₀ values of 170 nM, 420 nM, and 450 nM, respectively).
Targets(IC ₅₀)	Apoptosis,Ligands for E3 Ligase,IAP

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7834 mL	8.9169 mL	17.8339 mL
5 mM	0.3567 mL	1.7834 mL	3.5668 mL
10 mM	0.1783 mL	0.8917 mL	1.7834 mL
50 mM	0.0357 mL	0.1783 mL	0.3567 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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