

CRM1-IN-1

Chemical Properties

CAS No. :

Formula: C₂₉H₄₈N₂O₅

Molecular Weight: 504.7

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	CRM1-IN-1 (Compound KL1), a noncovalent inhibitor of CRM1, promotes nuclear degradation of CRM1 with an IC ₅₀ of 0.27 μM, inhibits CRM1-mediated nuclear export, suppresses cell proliferation, and induces apoptosis in colorectal cancer cells [1].
Targets(IC ₅₀)	CRM1

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9814 mL	9.9069 mL	19.8138 mL
5 mM	0.3963 mL	1.9814 mL	3.9628 mL
10 mM	0.1981 mL	0.9907 mL	1.9814 mL
50 mM	0.0396 mL	0.1981 mL	0.3963 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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