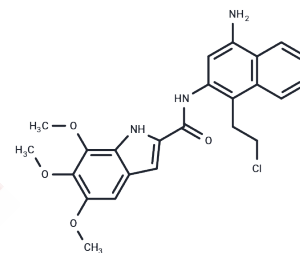


Centanamycin

Chemical Properties

CAS No. :	413577-16-9
Formula:	C ₂₄ H ₂₄ ClN ₃ O ₄
Molecular Weight:	453.92
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	Centanamycin (ML-970; AS-I-145; NSC 716970), a novel DNA-binding agent, exhibits cytotoxic properties and achieves an average GI 50 value of 34 nM during NCI-60 cell line screening [1].
Targets(IC50)	Nucleoside Antimetabolite/Analog

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.203 mL	11.0152 mL	22.0303 mL
5 mM	0.4406 mL	2.203 mL	4.4061 mL
10 mM	0.2203 mL	1.1015 mL	2.203 mL
50 mM	0.0441 mL	0.2203 mL	0.4406 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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