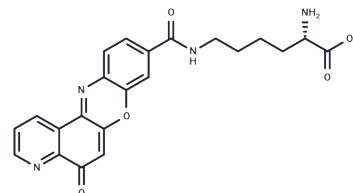


Topoisomerase II α -IN-2

Chemical Properties

CAS No. :	2407521-90-6
Formula:	C ₂₂ H ₂₀ N ₄ O ₅
Molecular Weight:	420.42
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Topoisomerase II α -IN-2 (compound 5) is a DNA-binding ligands and a potent inhibitor of the topoisomerase TopoII α . Topoisomerase II α -IN-2 exhibits high anti-proliferative activity in human cancer cell lines. Topoisomerase II α -IN-2 arrests the cell cycle of cancer cells in the G2/M phase and significantly induces DNA damage.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3786 mL	11.8929 mL	23.7857 mL
5 mM	0.4757 mL	2.3786 mL	4.7571 mL
10 mM	0.2379 mL	1.1893 mL	2.3786 mL
50 mM	0.0476 mL	0.2379 mL	0.4757 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

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