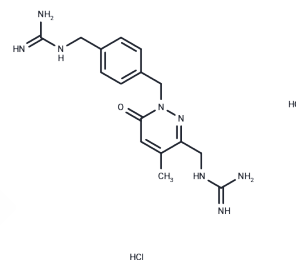


DNA crosslinker 4 dihydrochloride

Chemical Properties

CAS No. :	2761734-23-8
Formula:	C16H24Cl2N8O
Molecular Weight:	415.32
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	DNA Crosslinker 4 (dihydrochloride) is a potent binder of the DNA minor groove with inhibitory effects on cancer cell lines NCI-H460, A2780, and MCF-7. It is utilized in research for anticancer applications [1].
Targets(IC50)	Others,DNA Alkylator/Crosslinker
In vitro	At a concentration of 100 μ M over 48 or 96 hours, DNA crosslinker 4 (dihydrochloride) (compound 2) inhibits the NCI-H460, A2780, and MCF-7 cell lines [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4078 mL	12.0389 mL	24.0778 mL
5 mM	0.4816 mL	2.4078 mL	4.8156 mL
10 mM	0.2408 mL	1.2039 mL	2.4078 mL
50 mM	0.0482 mL	0.2408 mL	0.4816 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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