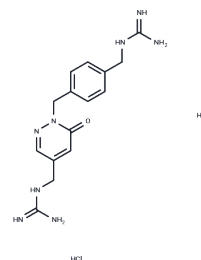


DNA crosslinker 2 dihydrochloride

Chemical Properties

CAS No. :	2761734-25-0
Formula:	C ₁₅ H ₂₂ Cl ₂ N ₈ O
Molecular Weight:	401.29
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	DNA crosslinker 2 (dihydrochloride) is a potent minor groove binder with a ΔT_m of 1.2 °C, indicating strong DNA binding affinity. It exhibits inhibitory activity against cancer cell lines NCI-H460, A2780, and MCF-7, making it relevant for anticancer research [1].
Targets(IC50)	Others,DNA Alkylator/Crosslinker
In vitro	DNA crosslinker 2 (dihydrochloride) (compound 3), at a 100 μ M concentration over 48 or 96 hours, exhibits inhibitory activity against NCI-H460, A2780, and MCF-7 cell lines [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.492 mL	12.4598 mL	24.9196 mL
5 mM	0.4984 mL	2.492 mL	4.9839 mL
10 mM	0.2492 mL	1.246 mL	2.492 mL
50 mM	0.0498 mL	0.2492 mL	0.4984 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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