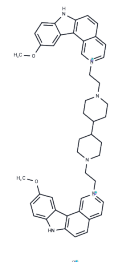


Ditercalinium chloride

Chemical Properties

CAS No. :	74517-42-3
Formula:	C ₄₆ H ₅₀ Cl ₂ N ₆ O ₂
Molecular Weight:	789.83
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	Ditercalinium chloride, an anticancer agent, inhibits human DNA polymerase gamma activity and can deplete mitochondrial DNA in both mouse and human cells. Additionally, Ditercalinium chloride is a potential ligand against the COMMD10-AP3S1 fusion protein [1] [2].
Targets(IC50)	DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2661 mL	6.3305 mL	12.661 mL
5 mM	0.2532 mL	1.2661 mL	2.5322 mL
10 mM	0.1266 mL	0.633 mL	1.2661 mL
50 mM	0.0253 mL	0.1266 mL	0.2532 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481