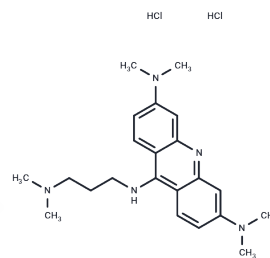


3,6-DMAD dihydrochloride

Chemical Properties

CAS No. :	2226511-77-7
Formula:	C ₂₂ H ₃₃ Cl ₂ N ₅
Molecular Weight:	438.44
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	3,6-DMAD dihydrochloride is an acridine derivative and a potent inhibitor of the IRE1 α -XBP1s pathway. 3,6-DMAD dihydrochloride can induce IL-6 secretion by exploiting the IRE1 α -XBP1s pathway. 3,6-DMAD dihydrochloride is a potent inhibitor of the IRE1 α -XBP1s pathway. 3,6-DMAD dihydrochloride has inhibitory effects on IRE1 α oligomerization and RNase activity. 3,6-DMAD dihydrochloride can be used in cancer research.
Targets(IC50)	Others, IRE1

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2808 mL	11.4041 mL	22.8081 mL
5 mM	0.4562 mL	2.2808 mL	4.5616 mL
10 mM	0.2281 mL	1.1404 mL	2.2808 mL
50 mM	0.0456 mL	0.2281 mL	0.4562 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

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

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