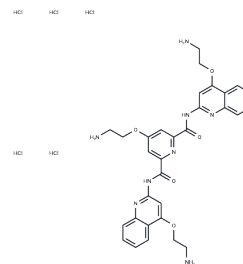


Pyridostatin hydrochloride

Chemical Properties

CAS No. :	1781882-65-2
Formula:	C ₃₁ H ₃₇ Cl ₅ N ₈ O ₅
Molecular Weight:	778.94
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	Pyridostatin (RR82) hydrochloride, a G-quadruplex DNA stabilizing agent (K _d = 490 nM), induces replication- and transcription-dependent DNA damage, promoting growth arrest in human cancer cells. It specifically targets the proto-oncogene Src, leading to reduced SRC protein levels and decreased SRC-dependent cellular motility in human breast cancer cells.
Targets(IC50)	Others,DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2838 mL	6.419 mL	12.838 mL
5 mM	0.2568 mL	1.2838 mL	2.5676 mL
10 mM	0.1284 mL	0.6419 mL	1.2838 mL
50 mM	0.0257 mL	0.1284 mL	0.2568 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

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481