

D34-919

Chemical Properties

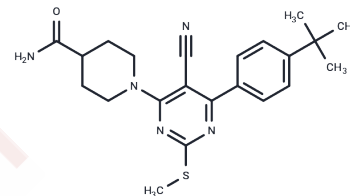
CAS No. : 1011641-78-3

Formula: C22H27N5OS

Molecular Weight: 409.55

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	D34-919 is a potent inhibitor of the ALDH1A3-PKM2 interaction, effectively inhibiting the ALDH1A3-mediated tetramerization enhancement of PKM2. Treatment mediated by D34-919 both in vitro and in vivo enhances and restores apoptosis and sensitivity in glioblastoma (GBM) cells induced by radiochemotherapy.
Targets(IC50)	Dehydrogenase,PKM

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4417 mL	12.2085 mL	24.417 mL
5 mM	0.4883 mL	2.4417 mL	4.8834 mL
10 mM	0.2442 mL	1.2209 mL	2.4417 mL
50 mM	0.0488 mL	0.2442 mL	0.4883 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