

TMU 35435

Chemical Properties

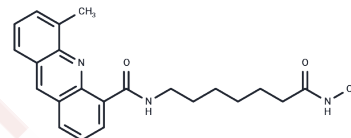
CAS No. : 2231800-32-9

Formula: C₂₂H₂₅N₃O₃

Molecular Weight: 379.45

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	TMU 35435 is an inhibitor of histone deacetylases (HDAC). It enhances radiosensitivity by inducing the accumulation of misfolded proteins and autophagy (autophagy) in TNBC, and inhibits the NHEJ pathway through ubiquitination of the catalytic subunit of DNA-dependent protein kinase (DNA-PKcs).
Targets(IC50)	HDAC, Autophagy

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6354 mL	13.177 mL	26.3539 mL
5 mM	0.5271 mL	2.6354 mL	5.2708 mL
10 mM	0.2635 mL	1.3177 mL	2.6354 mL
50 mM	0.0527 mL	0.2635 mL	0.5271 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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