

KPZ560

Chemical Properties

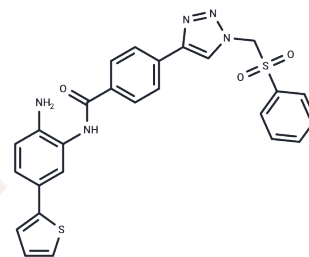
CAS No. : 2397562-43-3

Formula: C₂₆H₂₁N₅O₃S₂

Molecular Weight: 515.61

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	KPZ560, a potent HDAC 1 and HDAC 2 inhibitor, exhibits IC ₅₀ values of 12 nM and 68 nM, respectively. This compound enhances spine density in mouse granule neuron dendrites and inhibits growth in the MCF-7 breast cancer cell line [1].
Targets(IC ₅₀)	HDAC

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9395 mL	9.6973 mL	19.3945 mL
5 mM	0.3879 mL	1.9395 mL	3.8789 mL
10 mM	0.1939 mL	0.9697 mL	1.9395 mL
50 mM	0.0388 mL	0.1939 mL	0.3879 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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