

RTS-V5

Chemical Properties

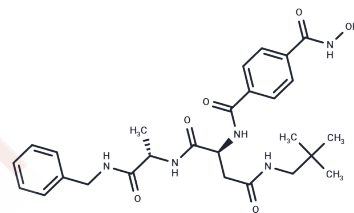
CAS No. : 2285346-31-6

Formula: C₂₇H₃₅N₅O₆

Molecular Weight: 525.6

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	RTS-V5 is a dual inhibitor of HDAC/proteasome (IC ₅₀ s: 6.9, 18, 15, 0.27, 0.53 μM for HDAC1, HDAC2, HDAC3, HDAC6, HDAC8, respectively).
Targets(IC ₅₀)	Proteasome,HDAC

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9026 mL	9.5129 mL	19.0259 mL
5 mM	0.3805 mL	1.9026 mL	3.8052 mL
10 mM	0.1903 mL	0.9513 mL	1.9026 mL
50 mM	0.0381 mL	0.1903 mL	0.3805 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.

Reference

Bhatia S, et al. Discovery of the First-in-Class Dual Histone Deacetylase-Proteasome Inhibitor. J Med Chem. 2018 Nov 21;61(22):10299-10309.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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