

STR-V-53

## Chemical Properties

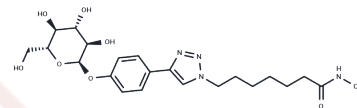
CAS No. : 2798954-66-0

Formula: C<sub>21</sub>H<sub>30</sub>N<sub>4</sub>O<sub>8</sub>

Molecular Weight: 466.48

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	STR-V-53, an HDAC inhibitor (IC <sub>50</sub> in nM), increases histone acetylation in tumor cells by inhibiting these enzymes, thereby regulating gene expression. STR-V-53 inhibits tumor growth and induces apoptosis [1].
Targets(IC <sub>50</sub> )	HDAC

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1437 mL	10.7186 mL	21.4371 mL
5 mM	0.4287 mL	2.1437 mL	4.2874 mL
10 mM	0.2144 mL	1.0719 mL	2.1437 mL
50 mM	0.0429 mL	0.2144 mL	0.4287 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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