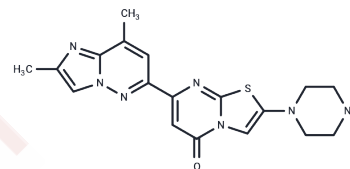


mHTT-IN-1

## Chemical Properties

CAS No. : 2839311-21-4  
 Formula: C<sub>18</sub>H<sub>19</sub>N<sub>7</sub>O<sub>5</sub>  
 Molecular Weight: 381.45  
 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	mHTT-IN-1 (Example 1) is a potent inhibitor of the mutant huntingtin protein (mHTT), which is primarily responsible for Huntington's disease (HD), an inherited autosomal dominant neurodegenerative disorder. This compound effectively reduces mHTT levels with an EC <sub>50</sub> of 46 nM.
Targets(IC <sub>50</sub> )	Others,Huntingtin

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6216 mL	13.1079 mL	26.2158 mL
5 mM	0.5243 mL	2.6216 mL	5.2432 mL
10 mM	0.2622 mL	1.3108 mL	2.6216 mL
50 mM	0.0524 mL	0.2622 mL	0.5243 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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