

TTT20171

## Chemical Properties

CAS No. : 2110408-47-2

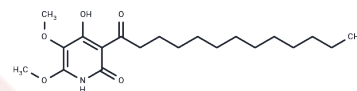
Formula: C<sub>20</sub>H<sub>33</sub>N<sub>5</sub>O

Molecular Weight: 367.48

Keep away from direct sunlight

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	TTT20171 is an SDHC inhibitor that demonstrates nanomolar-level inhibition of CII; however, it shows limited efficacy within cellular environments. In cell assays, the most responsive cells, 22Rv1 prostate cancer cells, exhibit an IC <sub>50</sub> of 5.4 μM, which significantly exceeds both the suggested usage concentration of 2 μM and the chemical probe quality standard of 1 μM.
Targets(IC <sub>50</sub> )	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7212 mL	13.6062 mL	27.2124 mL
5 mM	0.5442 mL	2.7212 mL	5.4425 mL
10 mM	0.2721 mL	1.3606 mL	2.7212 mL
50 mM	0.0544 mL	0.2721 mL	0.5442 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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