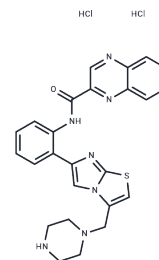


## SRT 1720 dihydrochloride

## Chemical Properties

CAS No. :	2468639-77-0
Formula:	C <sub>25</sub> H <sub>25</sub> Cl <sub>2</sub> N <sub>7</sub> O <sub>5</sub>
Molecular Weight:	542.48
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	SRT 1720 dihydrochloride is a selective activator of SIRT1 (EC1.5: 0.16 μM) and shows less potent activities on SIRT2 (EC1.5: 37 μM) and SIRT3 (EC1.5: 300 μM).
Targets(IC50)	Sirtuin

## Solubility Information

Solubility	DMSO: 1 mg/mL (1.84 mM), Sonication is recommended. H <sub>2</sub> O: 25 mg/mL (46.08 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8434 mL	9.2169 mL	18.4339 mL
5 mM	0.3687 mL	1.8434 mL	3.6868 mL
10 mM	0.1843 mL	0.9217 mL	1.8434 mL
50 mM	0.0369 mL	0.1843 mL	0.3687 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

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