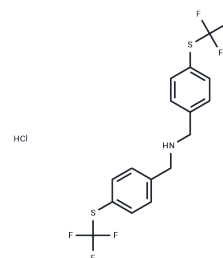


## MY33-3 hydrochloride

## Chemical Properties

CAS No. :	2204280-42-0
Formula:	C <sub>16</sub> H <sub>14</sub> ClF <sub>6</sub> NS <sub>2</sub>
Molecular Weight:	433.86
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	MY33-3 hydrochloride is a potent and selective inhibitor of the protein tyrosine phosphatase RPTPβ/ζ (IC <sub>50</sub> ~0.1 μM) and PTP-1B (IC <sub>50</sub> ~0.7 μM). It also reduces ethanol consumption and alleviates Sevoflurane-induced neuroinflammation and cognitive dysfunction.
Targets(IC <sub>50</sub> )	Others,Phosphatase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3049 mL	11.5245 mL	23.0489 mL
5 mM	0.461 mL	2.3049 mL	4.6098 mL
10 mM	0.2305 mL	1.1524 mL	2.3049 mL
50 mM	0.0461 mL	0.2305 mL	0.461 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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