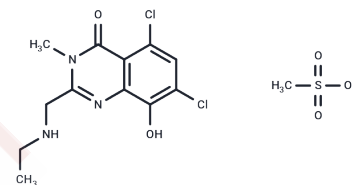


PBT434 methanesulfonate

Chemical Properties

CAS No. :	2387898-69-1
Formula:	C ₁₃ H ₁₇ Cl ₂ N ₃ O ₅ S
Molecular Weight:	398.26
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	PBT434 methanesulfonate is an orally active, potent α -synuclein aggregation inhibitor with the ability to cross the blood-brain barrier. Acting as an iron chelator, it modulates transcellular iron trafficking, inhibits iron-mediated redox activity, and prevents iron-mediated aggregation of α -synuclein. PBT434 methanesulfonate also safeguards against the loss of substantia nigra pars compacta neurons (SNpc), showing promise for Parkinson's disease (PD) research.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5109 mL	12.5546 mL	25.1092 mL
5 mM	0.5022 mL	2.5109 mL	5.0218 mL
10 mM	0.2511 mL	1.2555 mL	2.5109 mL
50 mM	0.0502 mL	0.2511 mL	0.5022 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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