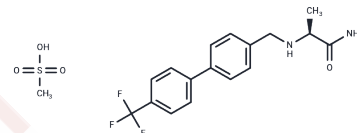


KDS2010 mesylate

Chemical Properties

CAS No. :	1894207-45-4
Formula:	C ₁₈ H ₂₁ F ₃ N ₂ O ₄ S
Molecular Weight:	418.43
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	KDS2010 is a potent, highly selective, and reversible MAO-B inhibitor which shows 12,500-fold selectivity over MAO-A. KDS2010 overcomes the disadvantages of the irreversible MAO-B inhibitor and significantly attenuates increased astrocytic GABA levels and astrogliosis, thereby enhancing synaptic transmission, and rescuing learning and memory impairments in APP/PS1 mice.
Targets(IC50)	Others, Monoamine Oxidase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3899 mL	11.9494 mL	23.8989 mL
5 mM	0.478 mL	2.3899 mL	4.7798 mL
10 mM	0.239 mL	1.1949 mL	2.3899 mL
50 mM	0.0478 mL	0.239 mL	0.478 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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