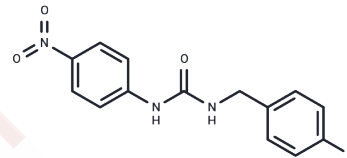


MAO-B-IN-37

Chemical Properties

CAS No. :	894280-02-5
Formula:	C ₁₄ H ₁₂ FN ₃ O ₃
Molecular Weight:	289.26
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	MAO-B-IN-37 (Compound 37) is a derivative of TT01001 and acts as a selective inhibitor of monoamine oxidase B (MAO-B), with an IC ₅₀ of 270 nM. It exhibits good metabolic stability in mouse microsomes and shows strong affinity for human serum albumin.
Targets(IC ₅₀)	Monoamine Oxidase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4571 mL	17.2855 mL	34.571 mL
5 mM	0.6914 mL	3.4571 mL	6.9142 mL
10 mM	0.3457 mL	1.7285 mL	3.4571 mL
50 mM	0.0691 mL	0.3457 mL	0.6914 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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