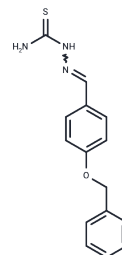


Monoamine Oxidase B inhibitor 6

Chemical Properties

CAS No. : 101091-29-6
 Formula: C₁₅H₁₅N₃O₅
 Molecular Weight: 285.364
 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	Monoamine Oxidase B inhibitor 6 (Compound BT5) is a highly selective, reversible, and competitive MAO-B inhibitor capable of crossing the blood-brain barrier, with an IC ₅₀ of 0.11 μM. It exhibits antioxidant and neuroprotective properties, making it suitable for research into neurodegenerative diseases.
Targets(IC ₅₀)	Glutathione Peroxidase, Monoamine Oxidase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5043 mL	17.5217 mL	35.0435 mL
5 mM	0.7009 mL	3.5043 mL	7.0087 mL
10 mM	0.3504 mL	1.7522 mL	3.5043 mL
50 mM	0.0701 mL	0.3504 mL	0.7009 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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