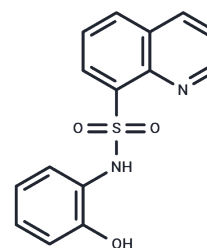


ChEs/MAOs-IN-2

Chemical Properties

CAS No. : 693268-77-8
 Formula: C₁₅H₁₂N₂O₃S
 Molecular Weight: 300.33
 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	ChEs/MAOs-IN-2 (compound a11) serves as an inhibitor for both cholinesterases and monoamine oxidases, exhibiting IC ₅₀ values of 0.10 μM for MAO-A, 0.20 μM for MAO-B, 0.30 μM for AChE, and 0.40 μM for BChE. This compound shows promise for Alzheimer's disease research [1].
Targets(IC ₅₀)	Cholinesterase (ChE), Monoamine Oxidase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3297 mL	16.6484 mL	33.2967 mL
5 mM	0.6659 mL	3.3297 mL	6.6593 mL
10 mM	0.333 mL	1.6648 mL	3.3297 mL
50 mM	0.0666 mL	0.333 mL	0.6659 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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