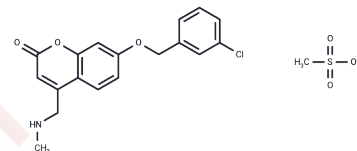


NW-1772

Chemical Properties

CAS No. : 911290-35-2
 Formula: C₁₉H₂₀ClNO₆S
 Molecular Weight: 425.88
 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	NW-1772 is a highly potent and orally active inhibitor of monoamine oxidase B.
Targets(IC50)	Others, Monoamine Oxidase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3481 mL	11.7404 mL	23.4808 mL
5 mM	0.4696 mL	2.3481 mL	4.6962 mL
10 mM	0.2348 mL	1.174 mL	2.3481 mL
50 mM	0.047 mL	0.2348 mL	0.4696 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.

Reference

Pisani L, Muncipinto G, Miscioscia TF, Nicolotti O, Leonetti F, Catto M, Caccia C, Salvati P, Soto-Otero R, Mendez-Alvarez E, Passeleu C, Carotti A. Discovery of a novel class of potent coumarin monoamine oxidase B inhibitors: development and biopharmacological profiling of 7-[(3-chlorobenzyl)oxy]-4-[(methylamino)methyl]-2H-chromen-2-one methanesulfonate (NW-1772) as a highly potent, selective, reversible, and orally active monoamine oxidase B inhibitor. *J Med Chem.* 2009 Nov 12;52(21):6685-706. doi: 10.1021/jm9010127. PubMed PMID: 19810674.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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