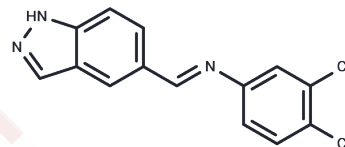


MAO-B Inhibitor 58

Chemical Properties

CAS No. :	1619884-75-1
Formula:	C ₁₄ H ₉ Cl ₂ N ₃
Molecular Weight:	290.15
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 inhibitor 58 is an effective, selective, and reversible inhibitor of monoamine oxidase B.
Targets(IC50)	Others,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4465 mL	17.2325 mL	34.4649 mL
5 mM	0.6893 mL	3.4465 mL	6.893 mL
10 mM	0.3446 mL	1.7232 mL	3.4465 mL
50 mM	0.0689 mL	0.3446 mL	0.6893 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

Strupp M, Kraus L, Schautzer F, Rujescu D. Menière's disease: combined pharmacotherapy with betahistine and the MAO-B inhibitor selegiline—an observational study. *J Neurol*. 2018 Mar 12. doi: 10.1007/s00415-018-8809-8. [Epub ahead of print] PubMed PMID: 29532287.

Thorpe J, Shum B, Moore RA, Wiffen PJ, Gilron I. Combination pharmacotherapy for the treatment of fibromyalgia in adults. *Cochrane Database Syst Rev*. 2018 Feb 19;2:CD010585. doi: 10.1002/14651858.CD010585.pub2. Review. PubMed PMID: 29457627.

Lan JS, Liu Y, Hou JW, Yang J, Zhang XY, Zhao Y, Xie SS, Ding Y, Zhang T. Design, synthesis and evaluation of resveratrol-indazole hybrids as novel monoamine oxidases inhibitors with amyloid- β aggregation inhibition. *Bioorg Chem*. 2018 Feb;76:130-139. doi: 10.1016/j.bioorg.2017.11.009. Epub 2017 Nov 15. PubMed PMID: 29172101.

Cao S, Ye L, Wu Y, Mao B, Chen L, Wang X, Huang P, Su Y, Ge RS. The Effects of Fungicides on Human 3β -Hydroxysteroid Dehydrogenase 1 and Aromatase in Human Placental Cell Line JEG-3. *Pharmacology*. 2017;100(3-4):139-147. doi: 10.1159/000475531. Epub 2017 Jun 22. PubMed PMID: 28637041.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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