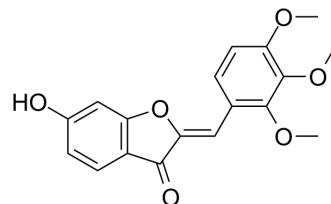


MAO-B-IN-8

Cat. No.:	HY-146958	
CAS No.:	1638956-60-1	
Molecular Formula:	C ₁₈ H ₁₆ O ₆	
Molecular Weight:	328.32	
Target:	Monoamine Oxidase	
Pathway:	Neuronal Signaling	
Storage:	Powder	-20°C 3 years 4°C 2 years
	In solvent	-80°C 6 months -20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (380.73 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	3.0458 mL	15.2290 mL	30.4581 mL
	5 mM	0.6092 mL	3.0458 mL	6.0916 mL
	10 mM	0.3046 mL	1.5229 mL	3.0458 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

MAO-B-IN-8 is a potent reversible MAO-B inhibitor and an inhibitor of microglial production of neuroinflammatory mediator. MAO-B-IN-8 can be used for neurodegenerative disease research^[1].

IC₅₀ & Target

MAO-B

REFERENCES

[1]. Ahmed H E Hassan, et al. Positional scanning of natural product hispidol's ring-B: discovery of highly selective human monoamine oxidase-B inhibitor analogues downregulating neuroinflammation for management of neurodegenerative diseases. J Enzyme Inhib Me

Caution: Product has not been fully validated for medical applications. For research use only.

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