



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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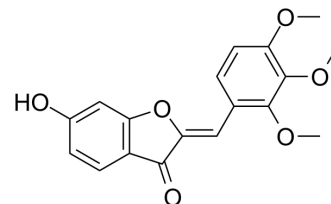
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MAO-B-IN-8

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)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	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] .
IC ₅₀ & 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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