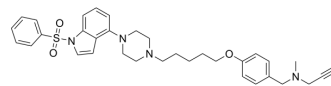


5-HT₆R/MAO-B modulator 1

Cat. No.:	HY-146677
Molecular Formula:	C ₃₄ H ₄₀ N ₄ O ₃ S
Molecular Weight:	584.77
Target:	5-HT Receptor; Monoamine Oxidase
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	5-HT ₆ R/MAO-B modulator 1 (compound 48) is an antagonist of 5-HT ₆ R at Gs signaling and an irreversible MAO-B inhibitor. 5-HT ₆ R/MAO-B modulator 1 exhibits glioprotective properties. 5-HT ₆ R/MAO-B modulator 1 can reverse Scopolamine-induced memory deficits ^[1] . 5-HT ₆ R/MAO-B modulator 1 is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Azide groups.	
IC ₅₀ & Target	5-HT ₆ Receptor	MAO-B

REFERENCES

[1]. Canale V, et, al. A dual-acting 5-HT₆ receptor inverse agonist/MAO-B inhibitor displays glioprotective and pro-cognitive properties. *Eur J Med Chem.* 2020 Dec 15;208:112765.

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

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