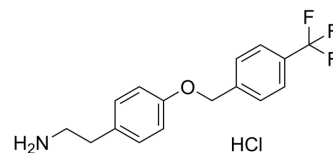


MAO-B-IN-27

Cat. No.:	HY-160002
CAS No.:	788824-83-9
Molecular Formula:	C ₁₆ H ₁₇ ClF ₃ NO
Molecular Weight:	331.76
Target:	Monoamine Oxidase
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	MAO-B-IN-27 (Compound 12c) is a monoamine oxidase B (MAO-B) inhibitor. MAO-B-IN-27 has potent and selective MAO-B inhibitory effect for hMAO-B with an IC ₅₀ values of 8.9 nM. MAO-B-IN-27 can be used for the research of parkinson's disease (PD) ^[1] .
IC ₅₀ & Target	IC50: 8.9 nM (hMAO-B) ^[1] .

REFERENCES

[1]. Yeon SK, et al. Synthesis and evaluation of biaryl derivatives for structural characterization of selective monoamine oxidase B inhibitors toward Parkinson's disease therapy. *Bioorg Med Chem*. 2018 Jan 1;26(1):232-244.

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

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