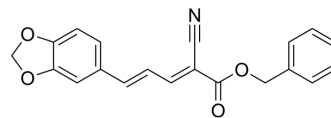


hMAO-B-IN-3

Cat. No.:	HY-143499
CAS No.:	2581113-51-9
Molecular Formula:	C ₂₀ H ₁₅ NO ₄
Molecular Weight:	333.34
Target:	Monoamine Oxidase
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

hMAO-B-IN-3 (Compound 15) is a potent inhibitor of hMAO-B with an IC₅₀ of 47.4 nM. hMAO-B-IN-3 is playing favourable agent-like properties and a broad safety window. hMAO-B-IN-3 is thus a suitable candidate for lead optimization and the development of multitarget-directed ligands^[1].

REFERENCES

[1]. Chavarria D, et al. Design of novel monoamine oxidase-B inhibitors based on piperine scaffold: Structure-activity-toxicity, drug-likeness and efflux transport studies. Eur J Med Chem. 2020 Jan 1;185:111770.

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

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