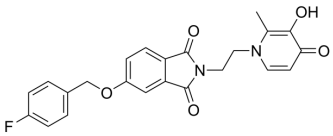
hMAO-B-IN-7

Cat. No.:	HY-157400
CAS No.:	2955577-14-5
Molecular Formula:	$C_{23}H_{19}FN_2O_5$
Molecular Weight:	422.41
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-7 (compound 11n) is a potent and blood–brain barrier (BBB) penetrable inhibitor of human monoamine oxidase-B (hMAO-B), with the IC_{50} value of 0.79±0.05 μM. hMAO-B-IN-7 can be used for Alzheimer's disease (AD) and Parkinson's disease (PD) research[1].
IC_{50} & Target	hMAO-B 0.79 μM (IC_{50})

REFERENCES

[1]. Xi Zhu, et al. Exploration of the novel phthalimide-hydroxypyridinone derivatives as multifunctional drug candidates against Alzheimer's disease. Bioorg Chem. 2023 Dec:141:106817.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA