



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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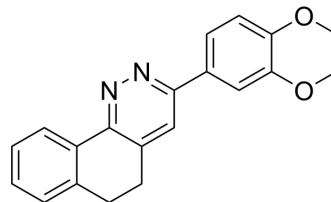
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NDs-IN-1

Cat. No.:	HY-158334
CAS No.:	3033806-97-9
Molecular Formula:	C ₂₀ H ₁₈ N ₂ O ₂
Molecular Weight:	318.37
Target:	Cholinesterase (ChE); Monoamine Oxidase; NO Synthase; PARP; p38 MAPK; RIP kinase; Phospholipase; Indoleamine 2,3-Dioxygenase (IDO); Dihydroorotate Dehydrogenase
Pathway:	Neuronal Signaling; Immunology/Inflammation; Cell Cycle/DNA Damage; Epigenetics; MAPK/ERK Pathway; Apoptosis; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	(Neurodegenerative diseases) NDs-IN-1 (Compound 3g) inhibits the activities of key enzymes such as hBACE-1, hAChE and hMAO-B. NDs-IN-1 is a novel non-covalent multi-target inhibitor. NDs-IN-1 is mainly used in the study of neurodegenerative diseases ^[1] .			
IC₅₀ & Target	p38 MAPK	hMAO-A	hMAO-B	hAChE
	hBCHE	nNOS	iNOS	hPARP-1
	PARP-2	IDO-1	RIPK1	

REFERENCES

[1]. Mousavi H et al. Practical Three-Component Regioselective Synthesis of Drug-Like 3-Aryl(or heteroaryl)-5,6-dihydrobenzo[h]cinnolines as Potential Non-Covalent Multi-Targeting Inhibitors To Combat Neurodegenerative Diseases. ACS Chem Neurosci. 2024 May 1;15(9):1828-1881.

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

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