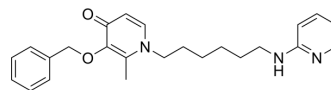


BChE-IN-6

Cat. No.:	HY-146669
CAS No.:	2421121-10-8
Molecular Formula:	C ₂₄ H ₂₉ N ₃ O ₂
Molecular Weight:	391.51
Target:	Cholinesterase (ChE)
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	BChE-IN-6 (compound 12) is a potent BChE inhibitor, with a K _i of 0.182 μM. BChE-IN-6 shows chelating capacity on Zn ²⁺ . BChE-IN-6 can be used for Alzheimer's disease (AD) research ^[1] .
IC ₅₀ & Target	BChE 0.182 μM (K _i)

REFERENCES

[1]. Bortolami M, et al. New deferiprone derivatives as multi-functional cholinesterase inhibitors: design, synthesis and in vitro evaluation. Eur J Med Chem. 2020 Jul 15;198:112350.

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

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