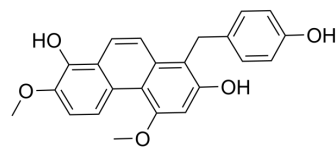


BChE-IN-10

Cat. No.:	HY-N10486
CAS No.:	2185837-61-8
Molecular Formula:	C ₂₃ H ₂₀ O ₅
Molecular Weight:	376.4
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-10 (compound 6) is a potent butyrylcholinesterase (BChE) mixed-type inhibitor with an IC ₅₀ value of 6.4 μM. BChE-IN-10 can be isolated from <i>Bletilla striata</i> . BChE-IN-10 can be used for the research of Alzheimer's disease (AD) ^[1] .
IC ₅₀ & Target	BChE 6.4 μM (IC ₅₀)

REFERENCES

[1]. Liu Y, et al. Biological evaluation, molecular modeling and dynamics simulation of phenanthrenes isolated from *Bletilla striata* as butyrylcholinesterase inhibitors. *Sci Rep.* 2022 Aug 11;12(1):13649.

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

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