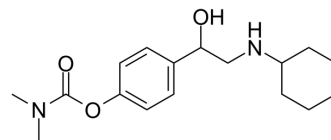


AChE/BChE-IN-5

Cat. No.:	HY-146665
CAS No.:	2410992-68-4
Molecular Formula:	C ₁₇ H ₂₆ N ₂ O ₃
Molecular Weight:	306.4
Target:	AChE
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	AChE/BChE-IN-5 (BMC-16) is a dual AChE and BChE inhibitor with IC ₅₀ values of 266 nM and 10.6 nM against human AChE (hAChE) and human BChE (hBChE), respectively. AChE/BChE-IN-5 can cross the BBB ^[1] .
IC ₅₀ & Target	IC ₅₀ : 10.6 nM (hBChE), 266 nM (hAChE) ^[1]

REFERENCES

[1]. Wu J, et al. Design, synthesis and biological evaluation of novel carbamates as potential inhibitors of acetylcholinesterase and butyrylcholinesterase. *Bioorg Med Chem.* 2020 Mar 1;28(5):115324.

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