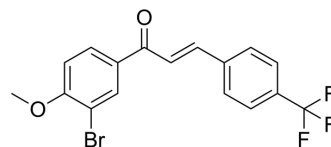


Carbonic anhydrase/AChE-IN-2

Cat. No.:	HY-161143
Molecular Formula:	C ₁₇ H ₁₂ BrF ₃ O ₂
Molecular Weight:	385.18
Target:	Cholinesterase (ChE); Carbonic Anhydrase
Pathway:	Neuronal Signaling; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Carbonic anhydrase/AChE-IN-2 (compound 19) is a selective acetylcholinesterase (AChE) and carbonic anhydrase (CA) inhibitor, with E_i of 5.07 nM, 24.42 nM and 19.95 nM for AChE, hCAI and hCAII, respectively^[1].

REFERENCES

[1]. Aydin BO, et al. Organohalogen chalcones: design, synthesis, ADMET prediction, molecular dynamics study and inhibition effect on acetylcholinesterase and carbonic anhydrase. Mol Divers. 2024 Jan 3.

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

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