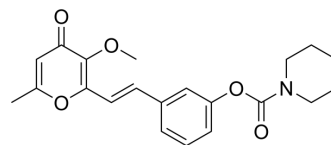


BuChE-IN-10

Cat. No.:	HY-162277
Molecular Formula:	C ₂₁ H ₂₃ NO ₅
Molecular Weight:	369.41
Target:	Cholinesterase (ChE)
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

BuChE-IN-10 (compound 7p) is an inhibitor of BuChE (eqBuChE IC₅₀ = 4.68 nM, huBuChE IC₅₀ = 9.12 nM). BuChE-IN-10 has anti-neuroinflammatory activity and exhibits high BBB permeability^[1].

REFERENCES

[1]. Chuanyu Yu, et al. Novel anti-neuroinflammatory pyranone-carbamate derivatives as selective butyrylcholinesterase inhibitors for treating Alzheimer's disease. *J Enzyme Inhib Med Chem.* 2024, 39, 1.

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

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