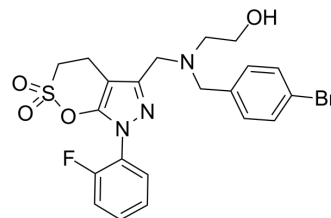


BuChE-IN-4

Cat. No.:	HY-146687
CAS No.:	2499490-52-5
Molecular Formula:	C ₂₁ H ₂₁ BrFN ₃ O ₄ S
Molecular Weight:	510.38
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-4 (Compound C6) is a potent inhibitor of BuChE with an IC ₅₀ of 7.7 nM. BuChE-IN-4 exhibits mild antioxidant capacity, nontoxicity, lipophilicity and neuroprotective activity ^[1] .
IC ₅₀ & Target	Butyrylcholinesterase

REFERENCES

[1]. Zhang Z, et al. The structure-based optimization of δ-sultone-fused pyrazoles as selective BuChE inhibitors. *Eur J Med Chem.* 2020 Sep 1;201:112273.

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

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