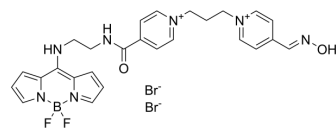


K1833

Cat. No.:	HY-155284
Molecular Formula:	C ₂₆ H ₂₈ BBr ₂ F ₂ N ₇ O ₂
Molecular Weight:	679.16
Target:	Cholinesterase (ChE)
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	K1833 is a hrAChE inhibitor/reactivator, with an IC ₅₀ of 58 μM. K1833 also shows high inhibition (IC ₅₀ =0.57μM) and low reactivation for hrBChE ^[1] .	
IC₅₀ & Target	hAChE 58 μM (IC ₅₀)	hBCHE 0.57 μM (IC ₅₀)

REFERENCES

[1]. Prchalova E, et, al. BODIPY-labelled acetylcholinesterase reactivators can be encapsulated into ferritin nanovehicles for enhanced bioavailability in the CNS. *Biomed Pharmacother.* 2023 Nov;167:115490.

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