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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Acetylcholinesterase, Electric eel

Cat. No.:	HY-P2860A	
CAS No.:	9000-81-1	
Target:	Cholinesterase (ChE)	
Pathway:	Neuronal Signaling	Acetylcholinesterase, Electric eel
Storage:	Powder -20°C 3 years	
	In solvent -80°C 6 months	
	-20°C 1 month	

BIOLOGICAL ACTIVITY

Description

Acetylcholinesterase, Electric eel is a cholinergic enzyme that is mainly found in neuromuscular junctions and cholinergic chemical synapses and is often used in biochemical research. Acetylcholinesterase, Electric eel can catalyze the decomposition or hydrolysis of acetylcholine and some other choline esters that act as neurotransmitters into acetic acid and choline. The main function of Acetylcholinesterase, Electric eel is to terminate neuronal transmission and signal conduction between synapses to prevent ACh diffusion and activation of nearby receptors^[1].

REFERENCES

[1]. C Yilmaz, et al. In vitro and in silico evaluation of inhibitory effects of bisphenol derivatives on acetylcholinesterase of electric eel (*Electrophorus electricus* L.). *Comparative Biochemistry and Physiology Part C: Toxicology & Pharmacology* 260 (2022): 109416.

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

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