

Acetylcholinesterase, Fly head

Cat. No.:	HY-P2860		
CAS No.:	9000-81-1		
Target:	Cholinesterase (ChE)		
Pathway:	Neuronal Signaling		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month

Acetylcholinesterase

SOLVENT & SOLUBILITY

In Vitro	H ₂ O : 25 mg/mL (Need ultrasonic)
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BIOLOGICAL ACTIVITY

Description

Acetylcholinesterase, Fly head (ACHE; EC 3.1.1.7) is a cholinergic enzyme mainly found in neuromuscular junctions and cholinergic type chemical synapses used in biochemical research. Acetylcholinesterase, Fly head catalyzes the breakdown or hydrolysis of acetylcholine and some other choline esters that act as neurotransmitters into acetate and choline. Acetylcholinesterase, Fly head's main role is to terminate neuronal transmission and signaling between synapses to prevent ACh spread and activation of nearby receptors^[1].

REFERENCES

[1]. Israel Silman, et al. Acetylcholinesterase: how is structure related to function? Chem Biol Interact. 2008 Sep 25;175(1-3):3-10.

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

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