

Acetylcholinesterase

Chemical Properties

CAS No. : 9000-81-1

Formula:

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Acetylcholinesterase (ACHE) is an enzyme found in the neuromuscular junction and cholinergic synapses. It catalyzes the hydrolysis of acetylcholine, terminating synaptic neuronal transmission and signal propagation. ACHE can be used for research on biosensors.
Targets(IC50)	Cholinesterase (ChE)

Reference

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

Marucci Gabriella, et al. Efficacy of acetylcholinesterase inhibitors in Alzheimer's disease. Neuropharmacology 190 (2021): 108352.

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