

BChE-IN-40

Chemical Properties

CAS No. :

Formula: C₂₈H₃₀N₂O₇

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	BChE-IN-40 (compound D40) is a potent butyrylcholinesterase inhibitor with an IC ₅₀ of 0.59 μM. It demonstrates significant anti-inflammatory effects, with an IC ₅₀ of 4.55 μM in inhibiting nitric oxide production. Additionally, BChE-IN-40 exhibits excellent permeability across the blood-brain barrier.
Targets(IC ₅₀)	Cholinesterase (ChE)

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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