

## AChE/BChE-IN-16

## Chemical Properties

CAS No. :

Formula: C33H34FN5O2

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	AChE/BChE-IN-16 (compound C7) is a potent cholinesterase (ChE) inhibitor, exhibiting IC50 values of 30 nM for human acetylcholinesterase (hAChE) and 48 nM for human butyrylcholinesterase (hBuChE). It demonstrates remarkable protective effects on PC12 cells against H2O2-induced apoptosis and effectively inhibits the production of reactive oxygen species (ROS).
Targets(IC50)	Reactive Oxygen Species,Cholinesterase (ChE)

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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