

## AChE-IN-9

## Chemical Properties

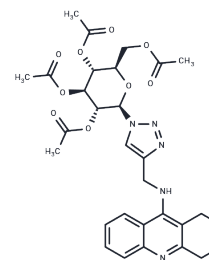
CAS No. :

Formula: C30H35N5O9

Molecular Weight: 609.63

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-IN-9, a Tacrine glycoconjugate connected to acetylated $\beta$ -Glucose, acts as an AChE inhibitor, demonstrating an IC <sub>50</sub> value of 0.4 $\mu$ M and exhibiting reduced hepatotoxicity in healthy cells. This compound finds use in Alzheimer's research [1].
Targets(IC50)	Others,Cholinesterase (ChE)

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6403 mL	8.2017 mL	16.4034 mL
5 mM	0.3281 mL	1.6403 mL	3.2807 mL
10 mM	0.164 mL	0.8202 mL	1.6403 mL
50 mM	0.0328 mL	0.164 mL	0.3281 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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