

## CUR-IPA

## Chemical Properties

CAS No. :

Formula: C43H38N2O8

Molecular Weight: 710.77

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	CUR-IPA is a cholinesterase inhibitor with IC50 values of 5.99 $\mu$ M for eAChE (electric eel), 59.30 $\mu$ M for hAChE (human), and 60.66 $\mu$ M for hBChE (human). It has free radical scavenging and antioxidant activity and is useful for researching cognitive dysfunction.
Targets(IC50)	Cholinesterase (ChE)

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4069 mL	7.0346 mL	14.0692 mL
5 mM	0.2814 mL	1.4069 mL	2.8138 mL
10 mM	0.1407 mL	0.7035 mL	1.4069 mL
50 mM	0.0281 mL	0.1407 mL	0.2814 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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