

## ChAT IN-1

## Chemical Properties

CAS No. :

Formula: C<sub>21</sub>H<sub>15</sub>N<sub>3</sub>O<sub>2</sub>

Molecular Weight: 341.36

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	ChAT IN-1 is a selective inhibitor of Choline Acetyltransferase (ChAT) that is utilized in studying mechanisms related to non-neuronal ChAT overexpression in cancers such as colon cancer and lung cancer, as well as in research concerning Alzheimer's disease (AD).
Targets(IC50)	Acyltransferase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9295 mL	14.6473 mL	29.2946 mL
5 mM	0.5859 mL	2.9295 mL	5.8589 mL
10 mM	0.2929 mL	1.4647 mL	2.9295 mL
50 mM	0.0586 mL	0.2929 mL	0.5859 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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