

## AChE/HDAC-IN-1

## Chemical Properties

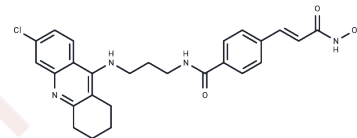
CAS No. : 2414053-06-6

Formula: C<sub>26</sub>H<sub>27</sub>ClN<sub>4</sub>O<sub>3</sub>

Molecular Weight: 478.97

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	COX-2-IN-23 (compound A10) is a potent inhibitor of AChE (IC <sub>50</sub> : 0.12 nM) and HDAC (IC <sub>50</sub> : 0.23 nM), exhibiting antioxidant and metal-chelating properties, which can be used to study Alzheimer's disease.
Targets(IC <sub>50</sub> )	Others,HDAC,Cholinesterase (ChE)

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0878 mL	10.4391 mL	20.8781 mL
5 mM	0.4176 mL	2.0878 mL	4.1756 mL
10 mM	0.2088 mL	1.0439 mL	2.0878 mL
50 mM	0.0418 mL	0.2088 mL	0.4176 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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