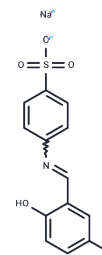


## AChE/hCA I-IN-1

## Chemical Properties

CAS No. :	155140-19-5
Formula:	C13H9BrNNaO4S
Molecular Weight:	378.174
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/hCA I-IN-1 (Compound L3) is an inhibitor of acetylcholinesterase (AChE) and carbonic anhydrase (CA), effectively inhibiting AChE, hCA I, and hCA II with IC50 values of 302 nM, 265 nM, and 283 nM, respectively.
Targets(IC50)	Carbonic Anhydrase,Cholinesterase (ChE)

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6443 mL	13.2216 mL	26.4431 mL
5 mM	0.5289 mL	2.6443 mL	5.2886 mL
10 mM	0.2644 mL	1.3222 mL	2.6443 mL
50 mM	0.0529 mL	0.2644 mL	0.5289 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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