Data Sheet (Cat.No.T85811)

TargetMol

BChE-IN-25

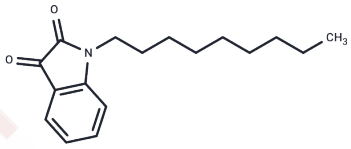
Chemical Properties

CAS No. : 79183-25-8

Formula: C17H23NO2

Molecular Weight: 273.37

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	BChE-IN-25 (compound 4l) acts as a selective inhibitor of BChE, demonstrating an IC 50 of 3.77μM and exhibiting 22-fold greater selectivity towards BChE over AChE [1].
Targets(IC50)	Cholinesterase (ChE)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.658 mL	18.2902 mL	36.5805 mL
5 mM	0.7316 mL	3.658 mL	7.3161 mL
10 mM	0.3658 mL	1.829 mL	3.658 mL
50 mM	0.0732 mL	0.3658 mL	0.7316 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

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481