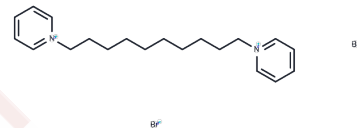


## 1-[10-(pyridin-1-ium-1-yl)decyl]pyridin-1-ium dibromide

## Chemical Properties

CAS No. :	6266-40-6
Formula:	C <sub>20</sub> H <sub>30</sub> Br <sub>2</sub> N <sub>2</sub>
Molecular Weight:	458.27
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	1-[10-(pyridin-1-ium-1-yl)decyl]pyridin-1-ium dibromide is the inhibitor of human erythrocyte AChE.
Targets(IC50)	Cholinesterase (ChE)

## Solubility Information

Solubility	DMSO: 4.59 mg/mL (10.02 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1821 mL	10.9106 mL	21.8212 mL
5 mM	0.4364 mL	2.1821 mL	4.3642 mL
10 mM	0.2182 mL	1.0911 mL	2.1821 mL
50 mM	0.0436 mL	0.2182 mL	0.4364 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

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