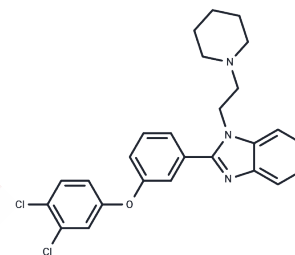


## Sodium Channel inhibitor 2

## Chemical Properties

CAS No. :	653573-60-5
Formula:	C <sub>26</sub> H <sub>25</sub> Cl <sub>2</sub> N <sub>3</sub> O
Molecular Weight:	466.4
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	Sodium Channel Inhibitor 2 [Sodium Channel inhibitor 2] is a blocker of sodium channels.
Targets(IC50)	Sodium Channel
In vitro	Sodium Channel Inhibitor 2, acting as a sodium channel blocker, serves effectively in treating neuronal damage resultant from both global and focal ischemia, as well as in the treatment or prevention of neurodegenerative conditions, such as amyotrophic lateral sclerosis (ALS).

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1441 mL	10.7204 mL	21.4408 mL
5 mM	0.4288 mL	2.1441 mL	4.2882 mL
10 mM	0.2144 mL	1.072 mL	2.1441 mL
50 mM	0.0429 mL	0.2144 mL	0.4288 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.

## Reference

Sun Qun, et al. Preparation of aryl-substituted benzimidazoles and their use as sodium channel blockers. WO 2004011439 A2.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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