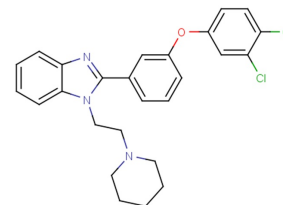


Sodium Channel inhibitor 2

Chemical Properties

CAS No.:	653573-60-5
Formula:	C ₂₆ H ₂₅ Cl ₂ N ₃ O
Molecular Weight:	466.4
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Sodium Channel inhibitor 2 is a blocker of sodium channel.
Targets(IC ₅₀)	Sodium channel: None
In vitro	Sodium Channel inhibitor 2 is a sodium channel blocker ,and is useful for the treatment of neuronal damage following global and focal ischemia and for the treatment or prevention of neurodegenerative conditions(amyotrophic lateral sclerosis).

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.144 mL	10.72 mL	21.441 mL
5 mM	0.429 mL	2.144 mL	4.288 mL
10 mM	0.214 mL	1.072 mL	2.144 mL
50 mM	0.043 mL	0.214 mL	0.429 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

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

Inhibitors · Natural Compounds · Compound Libraries

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:36 Washington Street,Wellesley Hills,MA 02481