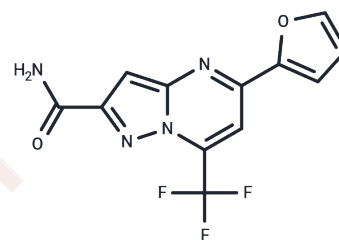


CL-424032

Chemical Properties

CAS No. : 312634-62-1
 Formula: C₁₂H₇F₃N₄O₂
 Molecular Weight: 296.21
 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	CL-424032 is a defined pyrazolo[5-a]pyrimidine derivative that functions as a potent sodium channel inhibitor, effectively blocking sodium ion flux across cellular membranes. CL-424032 is extensively utilized in pharmacology and drug discovery research to investigate sodium channel-dependent excitability, signal propagation, and therapeutic modulation of ion channel activity.
Targets(IC50)	Sodium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.376 mL	16.8799 mL	33.7598 mL
5 mM	0.6752 mL	3.376 mL	6.752 mL
10 mM	0.3376 mL	1.688 mL	3.376 mL
50 mM	0.0675 mL	0.3376 mL	0.6752 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

Robert Nelson Atkinson, et al. Pyrazolopyrimidines. WO2003037900A2. 2003-05-08.

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