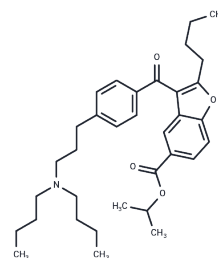


Celivarone

Chemical Properties

CAS No. :	401925-43-7
Formula:	C ₃₄ H ₄₇ N ₃ O ₄
Molecular Weight:	533.74
Storage:	Pure form: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Celivarone is a potassium channel blocker used in the study of arrhythmias, atrial flutter and atrial fibrillation.
Targets(IC50)	Others,Potassium Channel

Solubility Information

Solubility	DMSO: 50 mg/mL (93.68 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8736 mL	9.3679 mL	18.7357 mL
5 mM	0.3747 mL	1.8736 mL	3.7471 mL
10 mM	0.1874 mL	0.9368 mL	1.8736 mL
50 mM	0.0375 mL	0.1874 mL	0.3747 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

Khitri AR, et al. Celivarone for maintenance of sinus rhythm and conversion of atrial fibrillation/flutter. J Cardiovasc Electrophysiol. 2012;23(5):462-472.

Gojkovic O, et al. Celivarone in patients with an implantable cardioverter-defibrillator: adjunctive therapy for the reduction of ventricular arrhythmia-triggered implantable cardioverter-defibrillator interventions. Heart Rhythm. 2012;9(2):217-224.e2.

Kowey PR, et al. Efficacy and safety of celivarone, with amiodarone as calibrator, in patients with an implantable cardioverter-defibrillator for prevention of implantable cardioverter-defibrillator interventions or death: the ALPHEE study. Circulation. 2011;124(24):2649-2660.

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