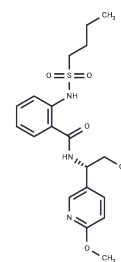


AVE1231

Chemical Properties

CAS No. : 767334-89-4
 Formula: C₂₀H₂₇N₃O₄S
 Molecular Weight: 405.51
 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	AVE1231 is a TASK-1 channel blocker that inhibits TASK-1 and can be used in the study of atrial fibrillation.
Targets(IC50)	Potassium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.466 mL	12.3302 mL	24.6603 mL
5 mM	0.4932 mL	2.466 mL	4.9321 mL
10 mM	0.2466 mL	1.233 mL	2.466 mL
50 mM	0.0493 mL	0.2466 mL	0.4932 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

- Shvetsova AA, et al. TASK-1 channel blockade by AVE1231 increases vasocontractile responses and BP in 1- to 2-week-old but not adult rats. *Br J Pharmacol.* 2020 Nov;177(22):5148-5162.
- Wiedmann F, et al. Identification of the A293 (AVE1231) Binding Site in the Cardiac Two-Pore-Domain Potassium Channel TASK-1: a Common Low Affinity Antiarrhythmic Drug Binding Site. *Cell Physiol Biochem.* 2019;52(5):1223-1235.

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