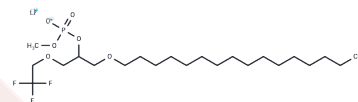


MJ33 lithium salt

Chemical Properties

CAS No. :	1007476-63-2
Formula:	C22H43F3LiO6P
Molecular Weight:	498.48
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	MJ33 lithium salt is an inhibitor of NADPH oxidase type 2-mediated ROS generation, a fluorinated phospholipid analog that inhibits the phospholipase A2 (PLA2) activity of peroxiredoxin 6 (Prdx6), and is used in the study of acute lung injury.
Targets(IC50)	Phospholipase,ROS

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0061 mL	10.0305 mL	20.061 mL
5 mM	0.4012 mL	2.0061 mL	4.0122 mL
10 mM	0.2006 mL	1.003 mL	2.0061 mL
50 mM	0.0401 mL	0.2006 mL	0.4012 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

Fisher AB, et al. A competitive inhibitor of phospholipase A2 decreases surfactant phosphatidylcholine degradation by the rat lung. *Biochem J.* 1992 Dec 1;288 (Pt 2)(Pt 2):407-11.

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