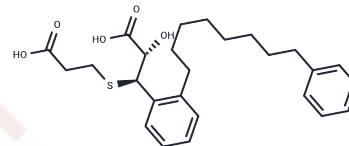


Pobilukast

Chemical Properties

CAS No. :	107023-41-6
Formula:	C ₂₆ H ₃₄ O ₅ S
Molecular Weight:	458.61
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	Pobilukast (SKF 104353) is a selective cysteinyl leukotriene receptor antagonist that blocks phosphatidylinositol metabolism and leukotriene D-induced thromboxane synthesis, and can be used to study limiting myocardial damage in excessively myocardial reperfusion-injured (MI/R) rats.128-63-53-4
Targets(IC50)	Leukotriene Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1805 mL	10.9025 mL	21.805 mL
5 mM	0.4361 mL	2.1805 mL	4.361 mL
10 mM	0.2181 mL	1.0903 mL	2.1805 mL
50 mM	0.0436 mL	0.2181 mL	0.4361 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

Säfhholm J, et al. Cysteinyl-maresin 3 inhibits IL-13 induced airway hyperresponsiveness through alternative activation of the CysLT1 receptor. Eur J Pharmacol. 2022 Nov 5;934:175257.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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