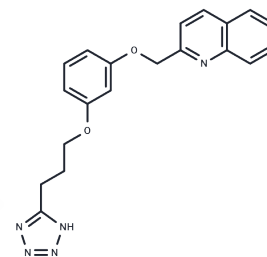


RG 7152

Chemical Properties

CAS No. : 107813-63-8
 Formula: C₂₀H₁₉N₅O₂
 Molecular Weight: 361.4
 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	RG 7152 is a leukotriene D4 antagonist with anti-asthmatic properties and can be used in the study of asthma.
Targets(IC50)	Others,Leukotriene Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.767 mL	13.8351 mL	27.6702 mL
5 mM	0.5534 mL	2.767 mL	5.534 mL
10 mM	0.2767 mL	1.3835 mL	2.767 mL
50 mM	0.0553 mL	0.2767 mL	0.5534 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

Kelley M, et al. Induction of peroxisomal enzymes by a tetrazole-substituted 2-quinolinylmethoxy leukotriene D4 antagonist. *Fundam Appl Toxicol.* 1994 Aug;23(2):298-303.

Youssefyeh RD, Magnien E, Lee TD, Chan WK, Lin CJ, Galemno RA Jr, Johnson WH Jr, Tan J, Campbell HF, Huang FC, et al. Development of a novel series of (2-quinolinylmethoxy)phenyl-containing compounds as high-affinity leukotriene receptor antagonists. 1. Initial structure-activity relationships. *J Med Chem.* 1990 Apr;33(4):1186-94.

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