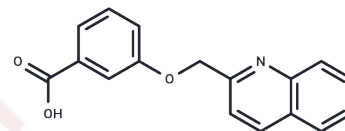


## LTD4 antagonist 2

## Chemical Properties

CAS No. : 107813-86-5  
 Formula: C17H13NO3  
 Molecular Weight: 279.29  
 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	LTD4 antagonist 2 (compound 6) functions as a leukotriene D4 (LTD4) antagonist with an IC50 of 2.8 $\mu$ M for the cysteinyl leukotriene 1 receptor (CysLT1R). Additionally, it acts as an agonist for the G protein-coupled bile acid receptor 1 (GPBAR1), making it applicable for research into colitis, metabolic syndrome, and other GPBAR1- and CysLT1R-related diseases.
Targets(IC50)	Leukotriene Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5805 mL	17.9025 mL	35.8051 mL
5 mM	0.7161 mL	3.5805 mL	7.161 mL
10 mM	0.3581 mL	1.7903 mL	3.5805 mL
50 mM	0.0716 mL	0.3581 mL	0.7161 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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