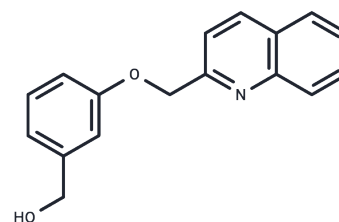


CAY10789

Chemical Properties

CAS No. : 123226-28-8
Formula: C₁₇H₁₅NO₂
Molecular Weight: 265.31
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	CAY10789 (compound 6) is a potent CysLT1R (cysteinyl leukotriene receptor 1) antagonist with an IC ₅₀ of 2.80 μM. CAY10789 is also a GPBAR1 (G-protein-coupled bile acid receptor 1) agonist with an EC ₅₀ of 3 μM. CAY10789 significantly decreases the adhesion of U937 cells to HAEC and decreases the expression of TNF-α. CAY10789 exhibits very promising metabolic stability and excellent pharmacokinetics. CAY10789 can be used in the study of colitis, metabolic syndromes, and other GPBAR1/CysLT1R-related diseases [1].
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7692 mL	18.8459 mL	37.6918 mL
5 mM	0.7538 mL	3.7692 mL	7.5384 mL
10 mM	0.3769 mL	1.8846 mL	3.7692 mL
50 mM	0.0754 mL	0.3769 mL	0.7538 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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