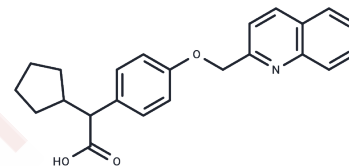


α -Cyclopentyl-4-(2-quinolinylmethoxy)benzeneacetic acid

Chemical Properties

CAS No. :	128253-12-3
Formula:	C ₂₃ H ₂₃ NO ₃
Molecular Weight:	361.43
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	α -Cyclopentyl-4-(2-quinolinylmethoxy)benzeneacetic acid was identified as possible dual inhibitors for hLTA4H and hLTC4S enzymes by the computer-aided methodology.
Targets(IC50)	Endogenous Metabolite,Aminopeptidase

Solubility Information

Solubility	DMSO: 50 mg/mL (138.34 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7668 mL	13.8339 mL	27.6679 mL
5 mM	0.5534 mL	2.7668 mL	5.5336 mL
10 mM	0.2767 mL	1.3834 mL	2.7668 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

Thangapandian S, et al. Molecular docking and pharmacophore filtering in the discovery of dual-inhibitors for human leukotriene A4 hydrolase and leukotriene C4 synthase. J Chem Inf Model. 2011 Jan 24;51(1):33-44.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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