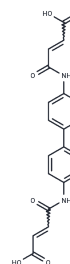


LPA2 antagonist 2

Chemical Properties

CAS No. :	36840-10-5
Formula:	C ₂₀ H ₁₆ N ₂ O ₆
Molecular Weight:	380.35
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	LPA2 antagonist 2 is a selective and potent LPA2 antagonist (IC ₅₀ : 28.3 nM) with potential anticancer activity, inhibits LPA3, and can be used in the study of cancer.
Targets(IC ₅₀)	LPA Receptor
In vitro	LPA2 antagonist 2 has a maximum inhibition rate of 59.0% for LPA1 at 30 μM, indicating its potential to inhibit LPA-mediated biological effects[1].

Solubility Information

Solubility	DMSO: 80 mg/mL (210.33 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	2.6292 mL	13.1458 mL	26.2916 mL
5 mM	0.5258 mL	2.6292 mL	5.2583 mL
10 mM	0.2629 mL	1.3146 mL	2.6292 mL
50 mM	0.0526 mL	0.2629 mL	0.5258 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.

Reference

Fells JI, et al. Identification of non-lipid LPA3 antagonists by virtual screening. *Bioorg Med Chem.* 2008 Jun 1;16 (11):6207-17.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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