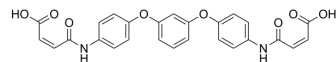


H2L5186303

Cat. No.:	HY-107616		
CAS No.:	139262-76-3		
Molecular Formula:	C ₂₆ H ₂₀ N ₂ O ₈		
Molecular Weight:	488.45		
Target:	LPL Receptor		
Pathway:	GPCR/G Protein		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 250 mg/mL (511.82 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.0473 mL	10.2365 mL	20.4729 mL
5 mM	0.4095 mL	2.0473 mL	4.0946 mL
10 mM	0.2047 mL	1.0236 mL	2.0473 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description	H2L5186303 is a potent and selective LPA ₂ receptor (lysophosphatidic acid 2 receptor) antagonist with an IC ₅₀ of 9 nM ^[1] .
IC ₅₀ & Target	LPA ₂ Receptor 9 nM (IC ₅₀)

REFERENCES

[1]. Fells JI, et al. Structure-based drug design identifies novel LPA₃ antagonists. *Bioorg Med Chem*. 2009 Nov 1;17(21):7457-64.

Caution: Product has not been fully validated for medical applications. For research use only.

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