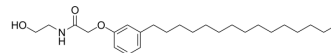


PDP-EA

Cat. No.:	HY-110138
CAS No.:	861891-72-7
Molecular Formula:	C ₂₅ H ₄₃ NO ₃
Molecular Weight:	405.61
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 50 mg/mL (123.27 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
			1 mM	2.4654 mL	12.3271 mL	24.6542 mL
			5 mM	0.4931 mL	2.4654 mL	4.9308 mL
			10 mM	0.2465 mL	1.2327 mL	2.4654 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 1.25 mg/mL (3.08 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	PDP-EA is a compound that increases the amidohydrolase activity of FAAH (fatty acid amide hydrolase) ^[1] .
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REFERENCES

[1]. Faure L, et al. Synthesis of phenoxyacyl-ethanolamides and their effects on fatty acid amide hydrolase activity. J Biol Chem. 2014 Mar 28;289(13):9340-51.

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

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