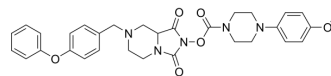


ABC34

Cat. No.:	HY-125143		
CAS No.:	1831135-56-8		
Molecular Formula:	C ₃₁ H ₃₃ N ₅ O ₆		
Molecular Weight:	571.62		
Target:	MAGL		
Pathway:	Metabolic Enzyme/Protease		
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 : 100 mg/mL (174.94 mM; Need ultrasonic)			
		Solvent Concentration	Mass	
			1 mg	5 mg
			10 mg	
Preparing Stock Solutions	1 mM	1.7494 mL	8.7471 mL	17.4941 mL
	5 mM	0.3499 mL	1.7494 mL	3.4988 mL
	10 mM	0.1749 mL	0.8747 mL	1.7494 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: 2.5 mg/mL (4.37 mM); Clear solution; Need ultrasonic			

BIOLOGICAL ACTIVITY

Description	ABC34 is an inactive control compound of JJH260. ABC34 does not inhibit the fluorophosphonate reactivity or fatty acid esters of hydroxy fatty acid (FAHFA) hydrolysis activity of AIG1. ABC34 can inhibit both ABHD6 and PPT122 ^[1] .
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REFERENCES

[1]. William H Parsons, et al. AIG1 and ADTRP are atypical integral membrane hydrolases that degrade bioactive FAHFAs. Nat Chem Biol. 2016 May;12(5):367-372.

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

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