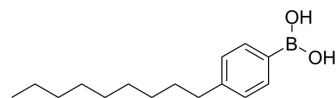


FAAH/MAGL-IN-4

Cat. No.:	HY-118158		
CAS No.:	256383-45-6		
Molecular Formula:	C ₁₅ H ₂₅ BO ₂		
Molecular Weight:	248.17		
Target:	FAAH		
Pathway:	Metabolic Enzyme/Protease; Neuronal Signaling		
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 : 125 mg/mL (503.69 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	4.0295 mL	20.1475 mL	40.2950 mL
5 mM	0.8059 mL	4.0295 mL	8.0590 mL
10 mM	0.4029 mL	2.0147 mL	4.0295 mL

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

BIOLOGICAL ACTIVITY

Description

FAAH/MAGL-IN-4 (Compound 13) is a potent fatty acid amide hydrolase (FAAH) and monoglyceride lipase (MGL) inhibitor with IC₅₀s of 9.1 nM and 7.9 μM, respectively. FAAH/MAGL-IN-4 can be used for the research of pain and CNS disorders^[1].

IC₅₀ & Target

IC₅₀: 9.1 nM (FAAH), 7.9 μM (MAGL)^[1]

REFERENCES

[1]. Anna Minkkilä, et al. Discovery of boronic acids as novel and potent inhibitors of fatty acid amide hydrolase. J Med Chem. 2008 Nov 27;51(22):7057-60.

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

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