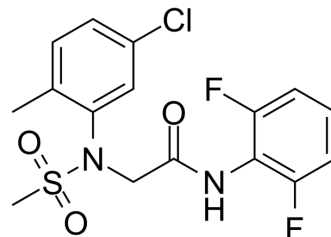


FPH1

Cat. No.:	HY-100590		
CAS No.:	708219-39-0		
Molecular Formula:	C ₁₆ H ₁₅ ClF ₂ N ₂ O ₃ S		
Molecular Weight:	388.82		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 250 mg/mL (642.97 mM)
 * "≥" means soluble, but saturation unknown.

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.5719 mL	12.8594 mL	25.7188 mL
5 mM	0.5144 mL	2.5719 mL	5.1438 mL
10 mM	0.2572 mL	1.2859 mL	2.5719 mL

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

BIOLOGICAL ACTIVITY

Description

FPH1(BRD-6125) increases the number and activity of primary human hepatocytes in vitro and promotes the differentiation of iPS cells towards a hepatic lineage^[1].

REFERENCES

[1]. Shan J, et al. Identification of small molecules for human hepatocyte expansion and iPS differentiation. Nat Chem Biol. 2013 Aug;9(8):514-20.

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

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