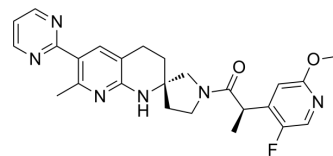


PF-07258669

Cat. No.:	HY-148349
CAS No.:	2755890-53-8
Molecular Formula:	C ₂₅ H ₂₇ FN ₆ O ₂
Molecular Weight:	462.52
Target:	Melanocortin Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	<div> Powder -20°C 3 years </div> <div> 4°C 2 years </div> <div> In solvent -80°C 6 months </div> <div> -20°C 1 month </div>



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (216.21 mM; Need ultrasonic)				
	Preparing Stock Solutions	<div>Solvent Concentration</div> <div>Mass</div>	1 mg	5 mg	10 mg
		1 mM	2.1621 mL	10.8103 mL	21.6207 mL
		5 mM	0.4324 mL	2.1621 mL	4.3241 mL
		10 mM	0.2162 mL	1.0810 mL	2.1621 mL
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (5.41 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (5.41 mM); Clear solution				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (5.41 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	PF-07258669 is a melanocortin-4 receptor (MC4) antagonist. PF-07258669 can be used for the research of cachexia, anorexia, or anorexia nervosa ^[1] .
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REFERENCES

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

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