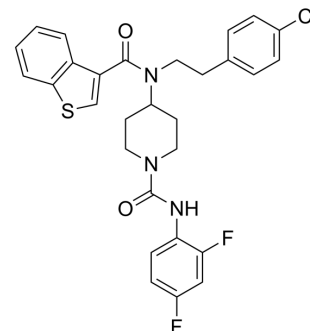


CP-447697

Cat. No.: HY-112199
CAS No.: 1092847-21-6
Molecular Formula: C₂₉H₂₆ClF₂N₃O₂S
Molecular Weight: 554.05
Target: Complement System
Pathway: Immunology/Inflammation
Storage: 4°C, protect from light
 * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (225.61 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent		Mass		
	Concentration	1 mg	5 mg	10 mg	
	1 mM	1.8049 mL	9.0245 mL	18.0489 mL	
	5 mM	0.3610 mL	1.8049 mL	3.6098 mL	
	10 mM	0.1805 mL	0.9024 mL	1.8049 mL	

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

BIOLOGICAL ACTIVITY

Description

CP-447697 is a lipophilic C5a receptor antagonist with an IC₅₀ value of 31 nM. CP-447697 can be used for the research of inflammation^[1].

IC₅₀ & Target

IC₅₀: 31 nM (C5a receptor)^[1]

REFERENCES

[1]. Blagg J, et al. Small, non-peptide C5a receptor antagonists: part 1. *Bioorg Med Chem Lett*. 2008 Oct 15;18(20):5601-4.

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

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