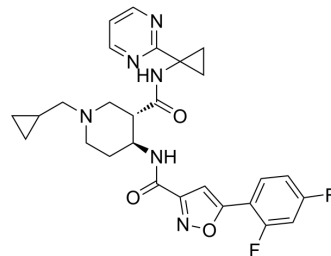


ACT-1004-1239

Cat. No.:	HY-142617
CAS No.:	2178049-58-4
Molecular Formula:	C ₂₇ H ₂₈ F ₂ N ₆ O ₃
Molecular Weight:	522.55
Target:	CXCR
Pathway:	GPCR/G Protein; Immunology/Inflammation
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 20 mg/mL (38.27 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.9137 mL	9.5685 mL	19.1369 mL
5 mM	0.3827 mL	1.9137 mL	3.8274 mL
10 mM	0.1914 mL	0.9568 mL	1.9137 mL

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

BIOLOGICAL ACTIVITY

Description

ACT-1004-1239 is a potent, selective, orally available CXCR7 antagonist with an IC₅₀ value of 3.2 nM.

IC₅₀ & Target

CXCR7

REFERENCES

[1]. Richard-Bildstein S, et al. Discovery of the Potent, Selective, Orally Available CXCR7 Antagonist ACT-1004-1239. J Med Chem. 2020 Dec 24;63(24):15864-15882.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA