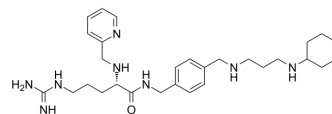


HF51116

Cat. No.:	HY-144347
CAS No.:	2177311-29-2
Molecular Formula:	C ₂₉ H ₄₆ N ₈ O
Molecular Weight:	522.73
Target:	CXCR
Pathway:	GPCR/G Protein; Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

HF51116 is a potent antagonist of CXCR4. HF51116 strongly antagonizes SDF-1 α -induced cell migration, calcium mobilization, and CXCR4 internalization. HF51116 inhibits HIV-1 infection via CXCR4. HF51116 has the potential for the research of HIV-1 infection, hematopoietic stem cell mobilization, and cancer metastasis^[1].

REFERENCES

[1]. Fang X, et al. A fragment integrational approach to GPCR inhibition: Identification of a high affinity small molecule CXCR4 antagonist. *Eur J Med Chem.* 2022;231:114150.

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

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