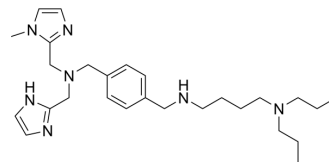


CXCR4 antagonist 1

Cat. No.:	HY-136437
CAS No.:	675135-69-0
Molecular Formula:	C ₂₇ H ₄₃ N ₇
Molecular Weight:	465.68
Target:	CXCR; HIV
Pathway:	GPCR/G Protein; Immunology/Inflammation; Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	CXCR4 antagonist 1 is a potent CXCR4 antagonist. CXCR4 antagonist 1 has anti-HIV activity ^[1] .	
IC ₅₀ & Target	HIV-1	CXCR4
In Vitro	HIV-1 entry is triggered by interaction of gp120 with CD4 and chemokine receptors (CKRs), such as CCR5 and CXCR4 ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.	

REFERENCES

[1]. Yuta Hikichi, et al. Increased HIV-1 Sensitivity to Neutralizing Antibodies by Mutations in the Env V3-coding Region for Resistance to CXCR4 Antagonists. J Gen Virol. 2016 Sep;97(9):2427-2440.

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

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