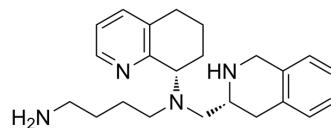


TIQ-15

Cat. No.:	HY-115493
CAS No.:	1380336-17-3
Molecular Formula:	C ₂₃ H ₃₂ N ₄
Molecular Weight:	364.53
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	TIQ-15 is a potent CXCR4 antagonist with an IC ₅₀ value of 6 nM for CXCR4 Ca ²⁺ flux. TIQ-15 inhibits CYP450 2D6 with an IC ₅₀ value of 0.32 μM ^[1] .
IC ₅₀ & Target	CXCR4 6 nM (IC ₅₀)

REFERENCES

[1]. Tahirovic YA, et, al. Discovery of N-Alkyl Piperazine Side Chain Based CXCR4 Antagonists with Improved Drug-like Properties. ACS Med Chem Lett. 2018 Apr 9;9(5):446-451.

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

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