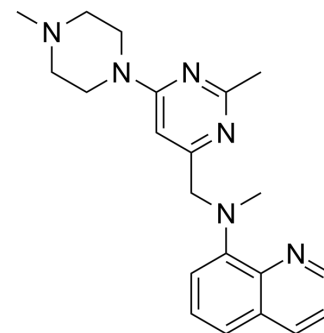


## CXCR4 antagonist 8

Cat. No.:	HY-147978
CAS No.:	2304750-84-1
Molecular Formula:	C <sub>21</sub> H <sub>26</sub> N <sub>6</sub>
Molecular Weight:	362.47
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	CXCR4 antagonist 8 (Compound 3) is a CXCR4 antagonist with an IC <sub>50</sub> of 57 nM. CXCR4 antagonist 8 inhibits CXCL12 induced cytosolic calcium increase with an IC <sub>50</sub> of 0.24 nM. CXCR4 antagonist 8 inhibits CXCL12/CXCR4 mediated cell migration <sup>[1]</sup> .
IC <sub>50</sub> & Target	CXCR4 57 nM (IC <sub>50</sub> )

### REFERENCES

[1]. Lin Y, et al. Design, synthesis, and evaluation of novel CXCR4 antagonists based on an aminoquinoline template. *Bioorg Chem.* 2020 Jun;99:103824.

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

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