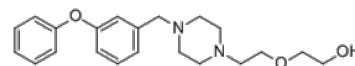


Product Name : ZK756326
Cat. No. : PC-21255
CAS No. : 874911-96-3
Molecular Formula : C₂₁H₂₈N₂O₃
Molecular Weight : 356.47
Target : Chemokine Receptor (CCR and CXCR)
Solubility : 10 mM in DMSO



Biological Activity

ZK 756326 is a potent, selective nonpeptide agonist of the CC chemokine receptor CCR8, inhibits the binding of the CCR8 ligand I-309 (CCL1) with IC₅₀ of 1.8 μM.

ZK 756326 is a full agonist of CCR8, dose-responsively eliciting an increase in intracellular calcium and cross-desensitizing the response of the receptor to CCL1.

ZK 756326 stimulated extracellular acidification in cells expressing human CCR8.

ZK 756326 inhibited human immunodeficiency virus (HIV) fusion of cells expressing CD4 and CCR8.

References

Haskell CA, et al. Mol Pharmacol. 2006 Jan;69(1):309-16.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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