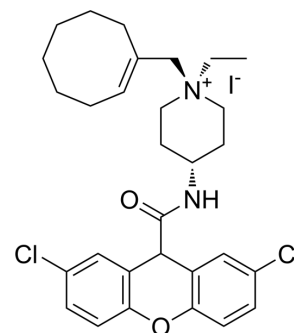


trans-J-113863

Cat. No.:	HY-103360B
CAS No.:	202796-42-7
Molecular Formula:	C ₃₀ H ₃₇ Cl ₂ IN ₂ O ₂
Molecular Weight:	655.44
Target:	CCR
Pathway:	GPCR/G Protein; Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

trans-J-113863 is a potent chemokine CCR1 and CCR3 receptor antagonist, and inhibits MIP-1 α -induced chemotaxis in CCR1 transfectants and eotaxin-induced chemotaxis in CCR3 transfectants with IC₅₀ of 9.57 and 93.8 nM, respectively^{[1][2]}.

REFERENCES

[1]. Sabroe I, et al. A small molecule antagonist of chemokine receptors CCR1 and CCR3. Potent inhibition of eosinophil function and CCR3-mediated HIV-1 entry. *J Biol Chem.* 2000;275(34):25985-25992.

[2]. de Mendonça FL, et al. Site-directed mutagenesis of CC chemokine receptor 1 reveals the mechanism of action of UCB 35625, a small molecule chemokine receptor antagonist. *J Biol Chem.* 2005;280(6):4808-4816.

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

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