CD BioGlyco
SUITE 201, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-637-6119 | Email: info@bioglyco.com

Product Information

CCR2 antagonist 1, Purity ≥98%

Cat. No.: X24-07-ZQ133

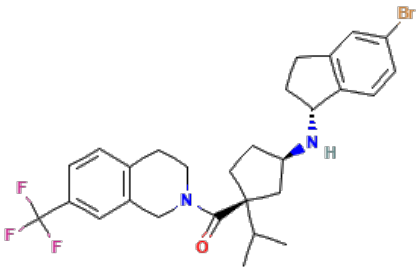
Size: 1 mg; 5 mg; 10 mg; 25 mg

CAS Number: 1683534-96-4

Compound CID: 73334813

Synonym: 1683534-96-4; CCR2 antagonist

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	CCR2 antagonist 1 specifically binds to chemokine receptors. This binding blocks the receptors and prevents the corresponding chemokines from exerting their effects on immune cells, leading to reduced chemotaxis and cell activation. It targets CCR2.
Molecular Weight	549.47
Molecular Formula	$C_{28}H_{32}BrF_3N_2O$
Targets	CCR2: 2.4 nM (Ki)
IUPAC Name	[(1*S*,3*R*)-3-[[(1*R*)-5-bromo-2,3-dihydro-1*H* -inden-1-yl]amino]-1-pr opan-2-ylcyclopentyl]-[7-(trifluoromethyl)-3,4-dihydro-1*H*-isoquinolin-2-yl]methanone
InChI	InChI=1S/C28H32BrF3N2O/c1-17(2)27(11-9-23(15-27)33-25-8-4-19-14-22(29)6-7-24(19)25)26(35)34-12-10-18-3-5-21(28(30,31)32)13-20(18)16-34/h3,5-7,13-14,17,23,25,33H,4,8-12,15-16H2,1-2H3/t23-,25-,27+/m1/s1
InChI Key	QYDUEIJZRKTNKN-HYZYYIOASA-N
Canonical SMILES	CC(C)C1(CCC(C1)NC2CCC3=C2C=CC(=C3)Br)C(=O)N4CCC5=C(C4)C=C(C=C5)C(F)(F)F
Isomeric SMILES	CC(C)[C@@]1(CC[C@H](C1)N[C@@H]2CCC3=C2C=CC(=C3)Br)C(=O)N4CCC5=C(C4)C=C(C=C5)C(F)(F)F
Form	Lyophilized powder
Purity	≥98%
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.

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Quality Level	Research grade
Applications	CCR2 antagonist 1 is employed in the study of its effects on the CCR2 receptor, with potential applications in treating autoimmune and inflammatory disorders.
Storage	Store at -20ºC, and keep desiccated.