



Product Information

CCR antagonist CCR4 antagonist 2, Purity $\geq 98\%$

Cat. No.: X23-10-ZQ676

Size: 1 mg; 2 mg; 5 mg; 10 mg; 25 mg

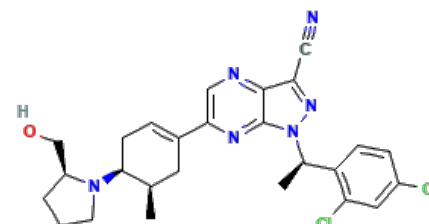
CAS Number: 2206788-99-8

Compound CID: 134324842

Synonym: CCR4 antagonist 2; ChEMBL4459231; 2206788-99-8;

SCHEMBL19946923; GTPL10417; BDBM50516625; CCR antagonist

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



Product Information

Description	CCR4 antagonist 2 stimulates CCR receptors. The receptors bind to chemokines, which are signaling proteins that direct the migration of immune cells to sites of inflammation, infection, or injury.
Molecular Weight	511.45
Molecular Formula	C ₂₆ H ₂₈ Cl ₂ N ₆ O
IUPAC Name	1-[(1 <i>R</i>)-1-(2,4-Dichlorophenyl)ethyl]-6-[(4 <i>S</i> ,5 <i>R</i>)-4-[(2 <i>S</i>)-2-(hydroxymethyl)pyrrolidin-1-yl]-5-methylcyclohexen-1-yl]pyrazolo[3,4- <i>b</i>]pyrazine-3-carbonitrile
InChI	InChI=1S/C26H28Cl2N6O/c1-15-10-17(5-8-24(15)33-9-3-4-19(33)14-35)23-13-30-25-22(12-29)32-34(26(25)31-23)16(2)20-7-6-18(27)11-21(20)28/h5-7,11,13,15-16,19,24,35H,3-4,8-10,14H2,1-2H3/t15-,16-,19+,24+/m1/s1
InChI Key	KQZLRWGGWXJPOS-NLFPWZOASA-N
Canonical SMILES	CC1CC(=CCC1N2CCCC2CO)C3=CN=C4C(=NN(C4=N3)C(C)C5=C(C=C(C=C5)Cl)Cl)C#N
Isomeric SMILES	C[C@@H]1CC(=CC[C@@H]1N2CCC[C@H]2CO)C3=CN=C4C(=NN(C4=N3)[C@H](C)C5=C(C=C(C=C5)Cl)Cl)C#N
Form	Lyophilized powder
Purity	$\geq 98\%$
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	CCR4 antagonist 2 can be utilized for research on its role in blocking CCR4 receptors, impacting immune cell trafficking and cancer immunotherapy.



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Storage

Store at -20°C.
