



Product Information

CCR agonist ZK-756326 dihydrochloride, Purity $\geq 98\%$

Cat. No.: X23-10-ZQ641

Size: 10 mg; 25 mg; 50 mg; 100 mg

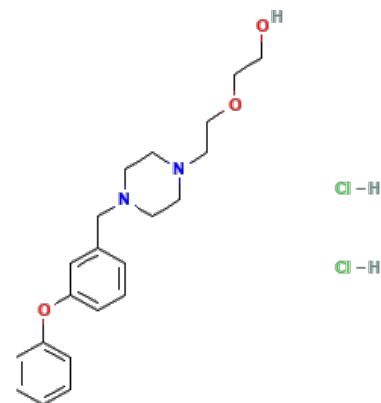
CAS Number: 1780259-94-0

Compound CID: 56972201

Synonym: 874911-96-3; ZK 756326; ZK756326 2HCl; 1780259-94-0; ZK-756326

dihydrochloride; ZK756326 dihydrochloride; ZK756326 (dihydrochloride); CCR agonist

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



Product Information

Description	ZK-756326 dihydrochloride 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	429.38
Molecular Formula	C ₂₁ H ₃₀ Cl ₂ N ₂ O ₃
IUPAC Name	2-[2-[4-[(3-Phenoxyphenyl)methyl]piperazin-1-yl]ethoxy]ethanol;dihydrochloride
InChI	InChI=1S/C21H28N2O3.2ClH/c24-14-16-25-15-13-22-9-11-23(12-10-22)18-19-5-4-8-21(17-19)26-20-6-2-1-3-7-20;;/h1-8,17,24H,9-16,18H2;2*1H
InChI Key	MPACCEKWFGWZHS-UHFFFAOYSA-N
Canonical SMILES	C1CN(CCN1CCOCCO)CC2=CC(=CC=C2)OC3=CC=CC=C3.Cl.Cl
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	ZK-756326 dihydrochloride is used for studying the inhibition of AKT and DNA-PK, crucial for cancer research and DNA repair mechanisms.
Storage	Store at -20°C.