



## Product Information

### CCR agonist ZK-756326 dihydrochloride, Purity ≥98%

**Cat. No.:** X23-10-ZQ641

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

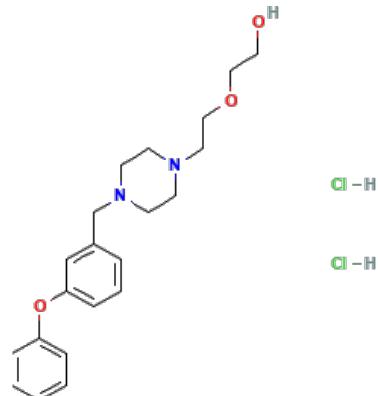
**CAS Number:** 1780259-94-0

**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

<b>Description</b>	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.
<b>Molecular Weight</b>	429.38
<b>Molecular Formula</b>	C <sub>21</sub> H <sub>30</sub> Cl <sub>2</sub> N <sub>2</sub> O <sub>3</sub>
<b>IUPAC Name</b>	2-[2-[4-[(3-Phenoxyphenyl)methyl]piperazin-1-yl]ethoxy]ethanol;dihydrochloride
<b>InChI</b>	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
<b>InChI Key</b>	MPACCEKWFZHS-UHFFFAOYSA-N
<b>Canonical SMILES</b>	C1CN(CCN1CCOCCO)CC2=CC(=CC=C2)OC3=CC=CC=C3.Cl.Cl
<b>Form</b>	Lyophilized powder
<b>Purity</b>	≥98%
<b>Identity</b>	Confirmed by NMR/HPLC/MS.
<b>Stability</b>	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
<b>Applications</b>	ZK-756326 dihydrochloride is used for studying the inhibition of AKT and DNA-PK, crucial for cancer research and DNA repair mechanisms.
<b>Storage</b>	Store at -20°C.