ZK-756326

CCR8 activator

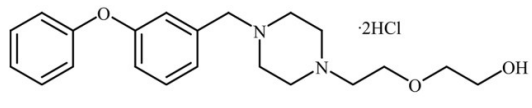
Novel small molecule agonist at the CCR8 chemokine receptor (EC_{50} =254nM) with no activity at CCR1, CCR2B, CCR4, CCR5, CXCR2, CXCR3 or CXCR4. Dose dependently increases intracellular calcium and stimulates extracellular acidification in cells expressing human CCR8. Murine CCR8-expressing cells underwent chemotaxis on exposure to this agonist. Inhibits HIV fusion of cells expressing CD4 and CCR8. Small molecule CCR8 agonists represent useful tools for exploring CCR8 biology especially in experiments where the use of the natural protein agonist is impractical.

Citations: 2 View Online »

Ordering Information Order Online »

BML-CX101-0010	10mg

Manuals, SDS & CofA View Online »


O
N
·2HCl
N
O
OH

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Store, as supplied, at room temperature for up to one year. Store solutions at -20°C for up to 3 months.
Long Term Storage	Ambient
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	2-[2-[4-[(3-Phenoxyphenyl)methyl]-1-piperazinyl]ethoxy]ethanol dihydrochloride
Appearance	White solid.
CAS	874911-96-3
Couple Target	Chemokine receptor
Couple Type	Activator, Ligand
Formula	$C_{21}H_{28}N_2O_3$. 2HCl
MW	356.4 . 73.0
Purity	≥98% (TLC)
Solubility	Soluble in water (5 mg/ml) or DMSO (4 mg/ml).

Last modified: May 29, 2024

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