
Product Name	: Balixafortide	Cyclo[L-alanyl-L-cysteinyl-L-seryl-L-alanyl-D-prolyl-(2S)-2,4-diaminobutanoyl-L-arginyl-L-tyrosyl-L-cysteinyl-L-tyrosyl-L-glutamyl-L-lysyl-D-prolyl-L-prolyl-L-tyrosyl-L-histidyl], cyclic (2→9)-disulfide
Cat. No.	: PC-61293	
CAS No.	: 1051366-32-5	
Molecular Formula	: C ₈₀ H ₁₁₂ N ₂₂ O ₂₁ S ₂	
Molecular Weight	: 1782.029	
Target	: Chemokine Receptor (CCR and CXCR)	
Solubility	: 10 mM in DMSO	

Biological Activity

Balixafortide (POL6326) is a potent, selective, peptidic **CXCR4** antagonist that interferes with the tumor-protective microenvironment and sensitizes tumor cells to chemotherapy.

Balixafortide (POL6326) induces efficient mobilization of HSPCs (hematopoietic stem and progenitor cell) in clinical trials.

References

Karpova D, et al. *J Transl Med.* 2017 Jan 3;15(1):2.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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