

Data Sheet

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 Product Name
 :
 Balixafortide

 Cat. No.
 :
 PC-61293

 CAS No.
 :
 1051366-32-5

 Molecular Formula
 :
 C₈₀H₁₁₂N₂₂O₂₁S₂

Molecular Weight: 1782.029

Target : Chemokine Receptor (CCR and CXCR)

Solubility : 10 mM in DMSO

Cyclo[L-alanyl-L-cysteinyl-L-seryl-L-alanyl-D-prolyl-(2S)-2,4-diaminobutanoyl-L-arginyl-L-tyrosyl-L-cysteinyl-L-tyrosyl-L-glutaminyl-L-lysyl-D-prolyl-L-prolyl-L-tyrosyl-L-histidyl], cyclic (2→9)-disulfide

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 trails.

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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