

Product Name	: Balixafortide
Synonyms	: POL6326;POL-6326
Cat No.	: M10247
CAS Number	: 1051366-32-5
Molecular Formula	: C80H112N22O21S2
Formula Weight	: 1782.03
Chemical Name	: Ala-cys-ser-ala-pro-arg-tyr-cys-tyr-gln-lys-pro-pro-tyr-his cyclic (2->9)-disulfide
Description	: A novel potent, selective, peptidic CXCR4 antagonist that interferes with the tumor-protective microenvironment and sensitizes tumor cells to chemotherapy; induces efficient mobilization of HSPCs (hematopoietic stem and progenitor cell) in clinical trials. Blood Cancer Phase 2 Clinical
Pathway	: GPCR/G Protein
Target	: Chemokine Receptor
Receptor	: Chemokine Receptor
Solubility	: —
SMILES	: <chem>C[C@H]1C(N2CCC[C@H]2C(N[C@H](C(N[C@H](C(N[C@@H](CSSC[C@@H](C(N[C@H](C(N1=O)CO)=O)NC([C@H](C(N)=O)C(N[C@@H](CC3=CC=C(O)C=C3)C(N[C@@H](CCC(N)=O)C(N[C@@H](CCCCN)C(N4CCC[C@H]4C(N5CCC[C@H]5C(N[C@@H](CC6=CC=C(O)C=C6)C(N[C@@H](CC7=CNC=N7)C(O)=O)=O)=O)=O)=O)=O)=O)=O)=O)CC8=CC=C(C=C8)O)=O)CCCNC(N)=N)=O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

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