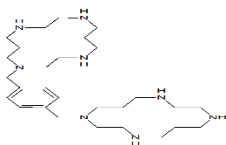


# Plerixafor

**ALTERNATE NAME:** JKL 169  
Mozobil  
1,4-bis((1,4,8,11-tetraazacyclotetradecan-1-yl)methyl)benzene

**CATALOG #:** B2405-5 5 mg  
B2405-25 25 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>28</sub>H<sub>54</sub>N<sub>8</sub>

**MOLECULAR WEIGHT:** 502.78

**CAS NUMBER:** 110078-46-1

**APPEARANCE:** White to off-white solid

**PURITY:** ≥98%

**SOLUBILITY:** >50 mg/ml Ethanol

**STORAGE CONDITIONS:** -20°C

**DESCRIPTION:** Plerixafor is a hematopoietic stem cell (HSC) mobilizer. It is used to stimulate the release of stem cells from the bone marrow into the blood in patients with non-Hodgkin lymphoma and multiple myeloma. It inhibits the CXCR4 chemokine receptor and blocks binding of its ligand, stromal cell-derived factor-1-α (SDF-1-α).

**REFERENCES:** Li, P., et al. (2016). Mol. Med. Rep. 14, 1475-1482

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**RELATED PRODUCTS:**

LY-2510924 (B2360)  
MSX-122 (B2276)

**DISCLAIMER:** ***FOR RESEARCH USE ONLY! Not to be used on humans.***