Certificate of Analysis

Plerixafor

Cat. No.: HY-10046

CAS No.: 110078-46-1

Batch No.: 04719

Chemical Name: 1,4,8,11-Tetraazacyclotetradecane, 1,1'-[1,4-phenylenebis(methylene)]bis-

PHYSICAL AND CHEMICAL PROPERTIES

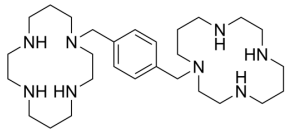
Molecular Formula: $C_{28}H_{54}N_8$

Molecular Weight: **502.78**

Storage:

Powder	-20°C	3 years
	4°C	2 years
In solvent	-80°C	6 months
	-20°C	1 month

Chemical Structure:



ANALYTICAL DATA

Appearance: White to off-white (Solid)

^{1}H NMR Spectrum: Consistent with structure

Purity (NMR): **≥95.0%**

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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