



Certificate of analysis

Product name:Plerixafor

Cas number:110078-46-1

Molecular Formula: C₂₈H₅₄N₈

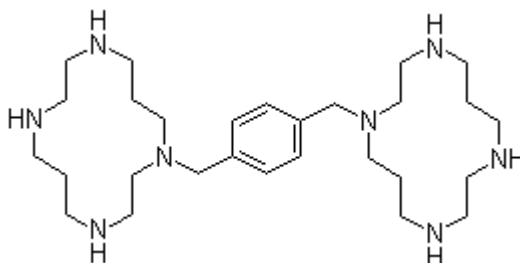
Molecular Weight: 502.791

Date of production:Mar. 18, 2019

Batch NO:20190318

Exp Date:Mar. 17, 2021

Chemical structure:



Items		Specifications	Results
Appearance		white powder	white powder
Identification	H NMR	The H NMR spectra of standard and sample is concordant.	Conforms
	C NMR	The C NMR spectra of standard and sample is concordant.	
	MS	The MS spectra of standard and sample is concordant.	
Solubility		Freely Soluble in water ,in ethanol and in etherl	Conforms
Melting Point		About 131 °C	Conforms
Heavy metals		≤0.002%	<0.002%
Clarify and color		Be Conforms	Conforms
Assay(Hplc)		≥98.0%	99.3%

Conclusion: It complies with the Enterprise Standard.

Analyst:Zhao

Checker:Liu



Q.C Director: Fang F