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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Plerixafor Impurity 47**

### Identification:

Chemical Name: N-(4-((1,4,8,11-Tetraazacyclotetradecan-1-yl)methyl)benzyl)-N,N-diethylethanaminium chloride

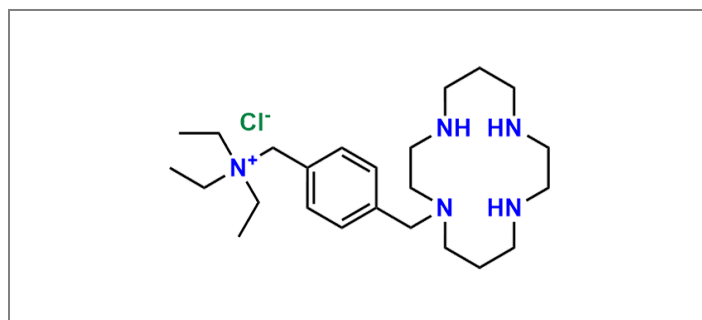
Synonyms : NA

CAS Number : NA

CAT Number : CP-P68063

Molecular Formula : C<sub>24</sub>H<sub>46</sub>N<sub>5</sub> : Cl

Molecular Weight : 404.7 : 35.5



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	<sup>1</sup> HNMR	Confirm to structure



**Prepared and Reviewed By**



Ms Priyanka Salunkhe  
(Quality Control)

**Approved By**



Ms Rohini Gagare  
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.