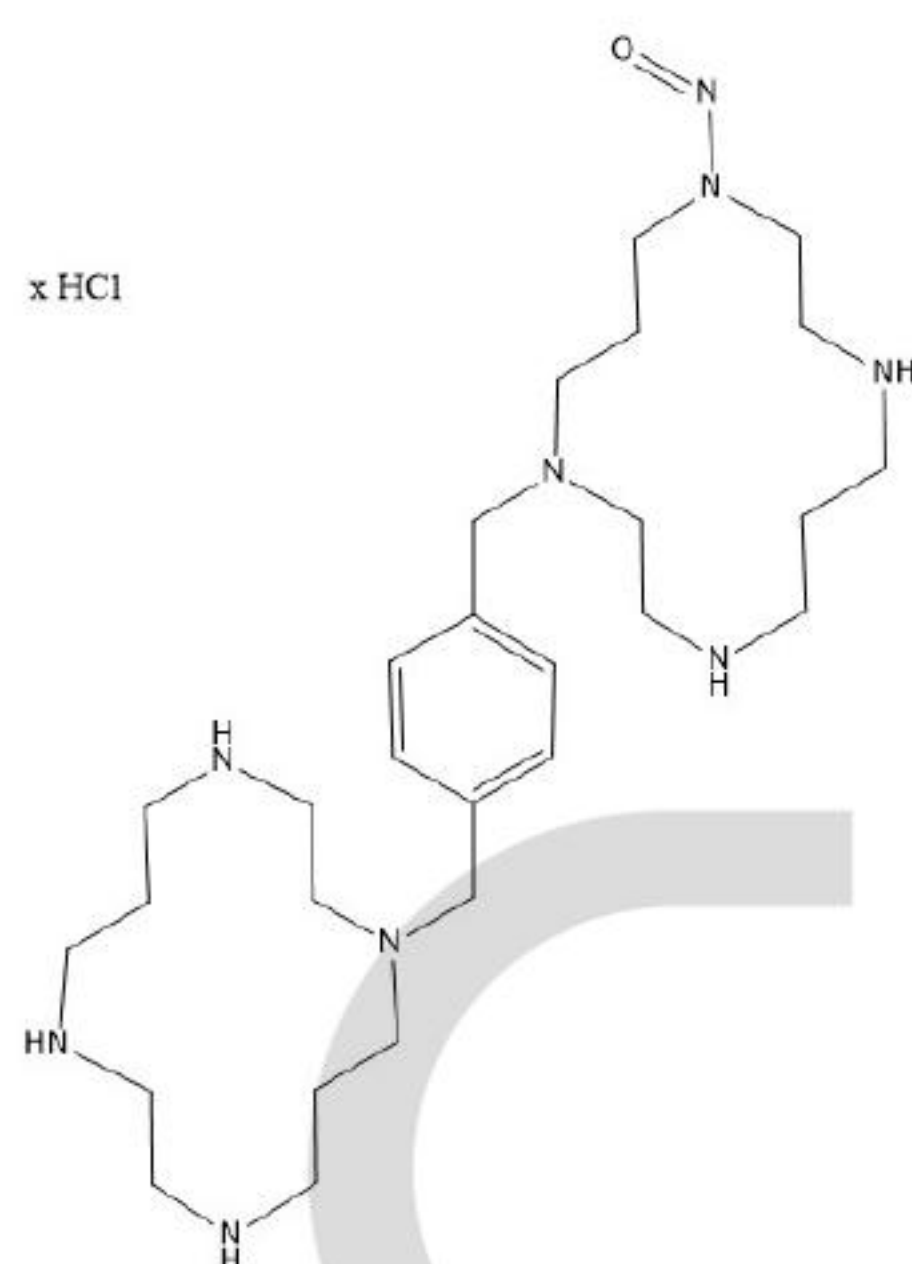


Certificate of Analysis

Reference Material & Standard

Product Name:	N11-Nitroso Plerixafor	Catalogue Number:	C4X-113326
Synonyms:	N/A	Lot Number:	0825-RG-0050
CAS Number:	N/A	Expiry Date:	Apr 25, 2027
Molecular Formula:	C ₂₈ H ₅₃ N ₉ O xHCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	531.78 x36.46		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	95.06%
Residue on Ignition	TGA	0.69%
Loss On Drying	TGA	2.00%
Assay		92.5%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Residue on Ignition - Loss On Drying) * Purity HPLC (%) / 100%

Residue on Ignition and Loss On Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Aug 26, 2025

Date: Aug 26, 2025

Date: Aug 26, 2025

