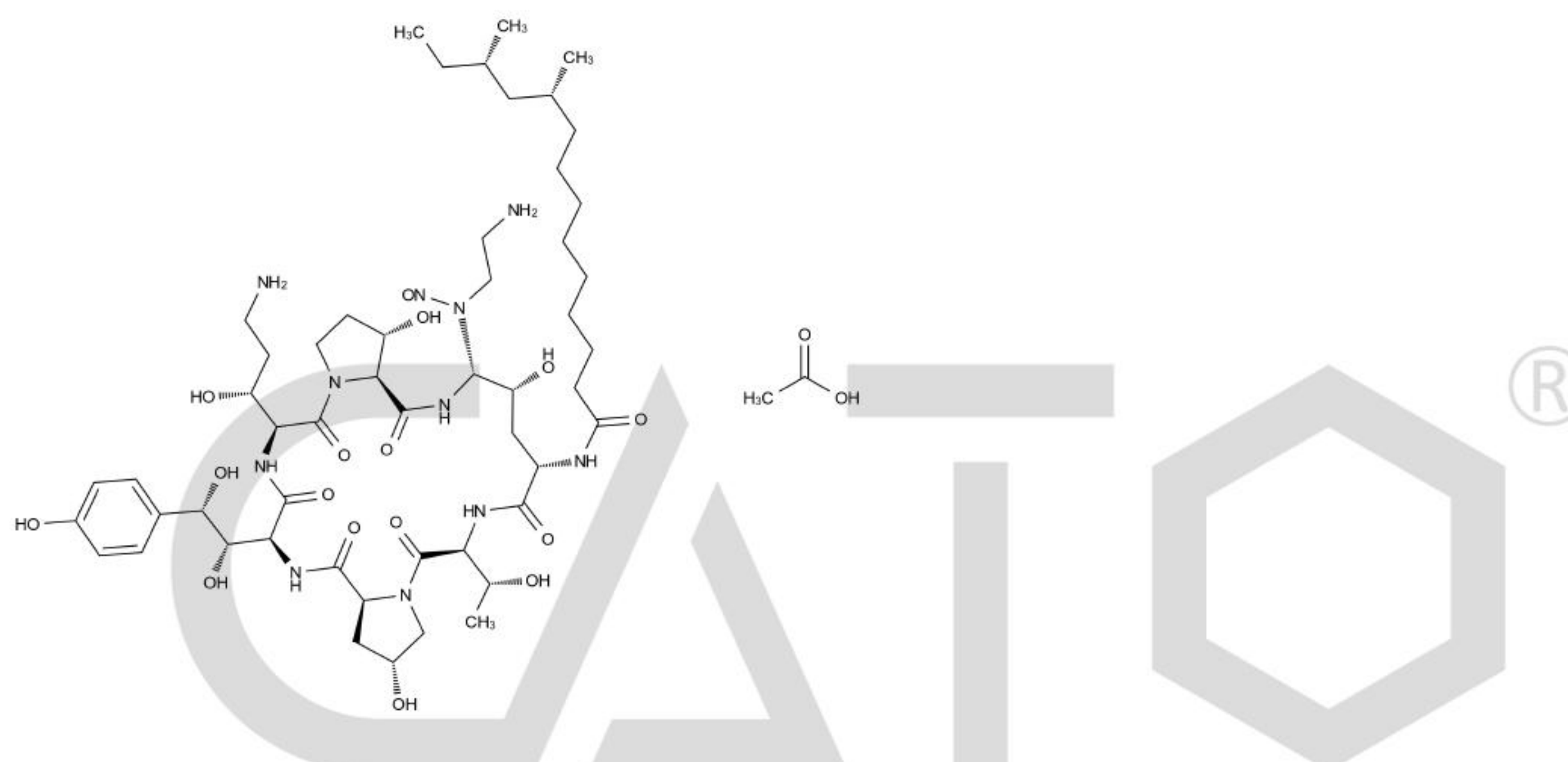


Certificate of Analysis

Reference Material & Standard

Product Name:	N-Nitroso Caspofungin Impurity 45 Acetate	Catalogue Number:	C4X-157545
Synonyms:	N/A	Lot Number:	1224-RF-0082
CAS Number:	N/A	Expiry Date:	Dec 24, 2027
Molecular Formula:	C52H87N11O16 C2H4O2	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	1122.31 60.05		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Loss On Drying	TGA	0.1157%
Assay		99.9%

Comment:

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

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

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Dec 25, 2024

Date: Dec 25, 2024

Date: Dec 25, 2024

