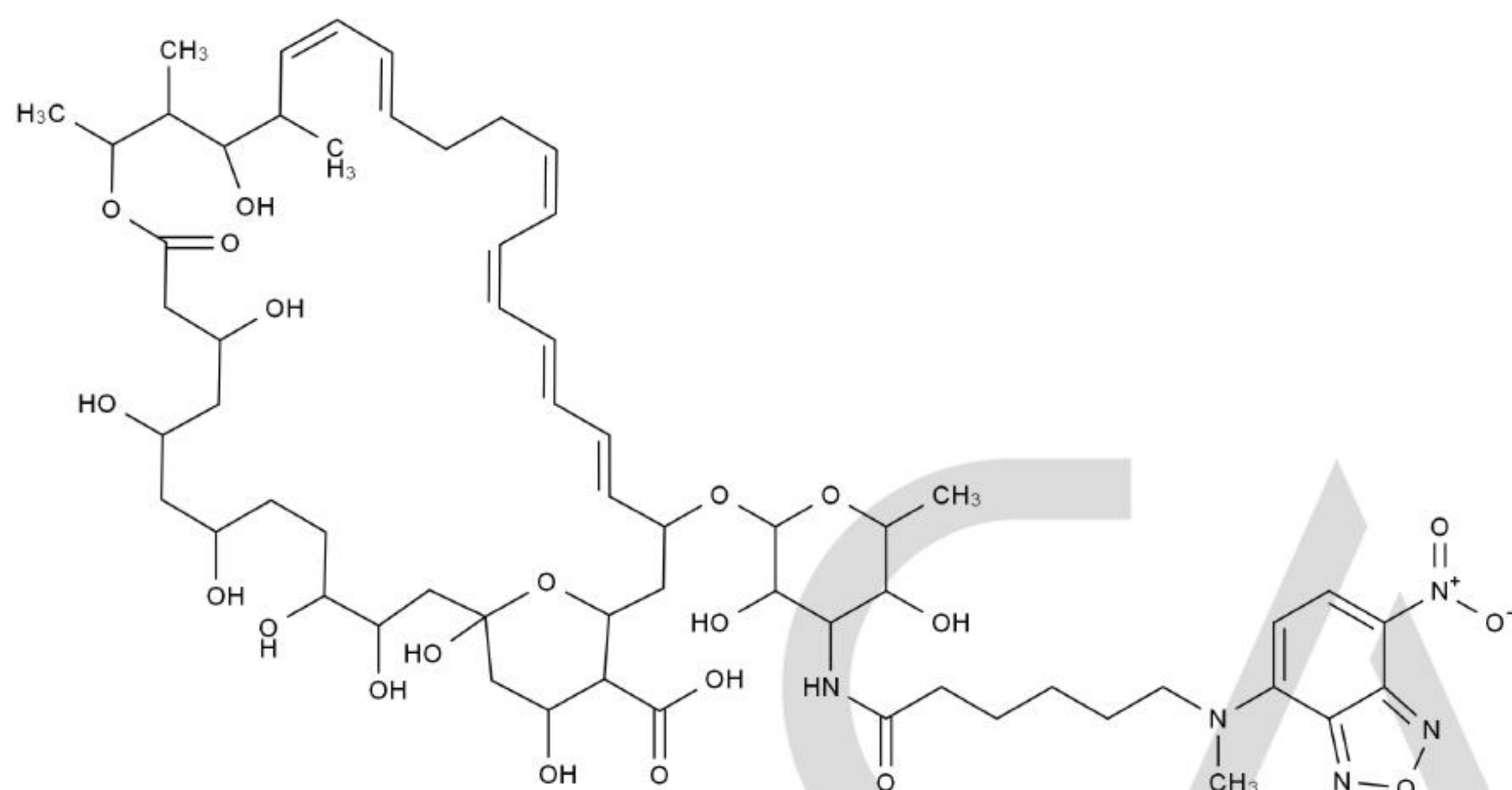


Certificate of Analysis

Reference Material & Standard

Product Name:	Nbd-nystatin	Catalogue Number:	C4X-17164
Synonyms:	N/A	Lot Number:	0928-RE-0027
CAS Number:	96475-98-8	Expiry Date:	Sep 25, 2026
Molecular Formula:	C ₆₀ H ₈₉ N ₅ O ₂₁	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	1216.37		
Chemical Structure:			



Warning:



Test Items	Method	Results
Appearance	Visual inspection	Dark Orange Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.2431%
Water Content	Karl Fischer	1.40%
Residual Solvents	NMR	1.2% acetonitrile
Assay		93.7%

Comment:

1. The compound contains 2.0% M-18 impurity (RT 15.53) according to its HPLC and LC-MS.
2. The calculation of the 100% method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Water Content} - \text{Residual Solvents}) * \text{Purity HPLC (\%)} / 100\%$$
 Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Aproved by General Manager:

David

Date: Oct 07, 2023

Date: Oct 07, 2023

Date: Oct 07, 2023

