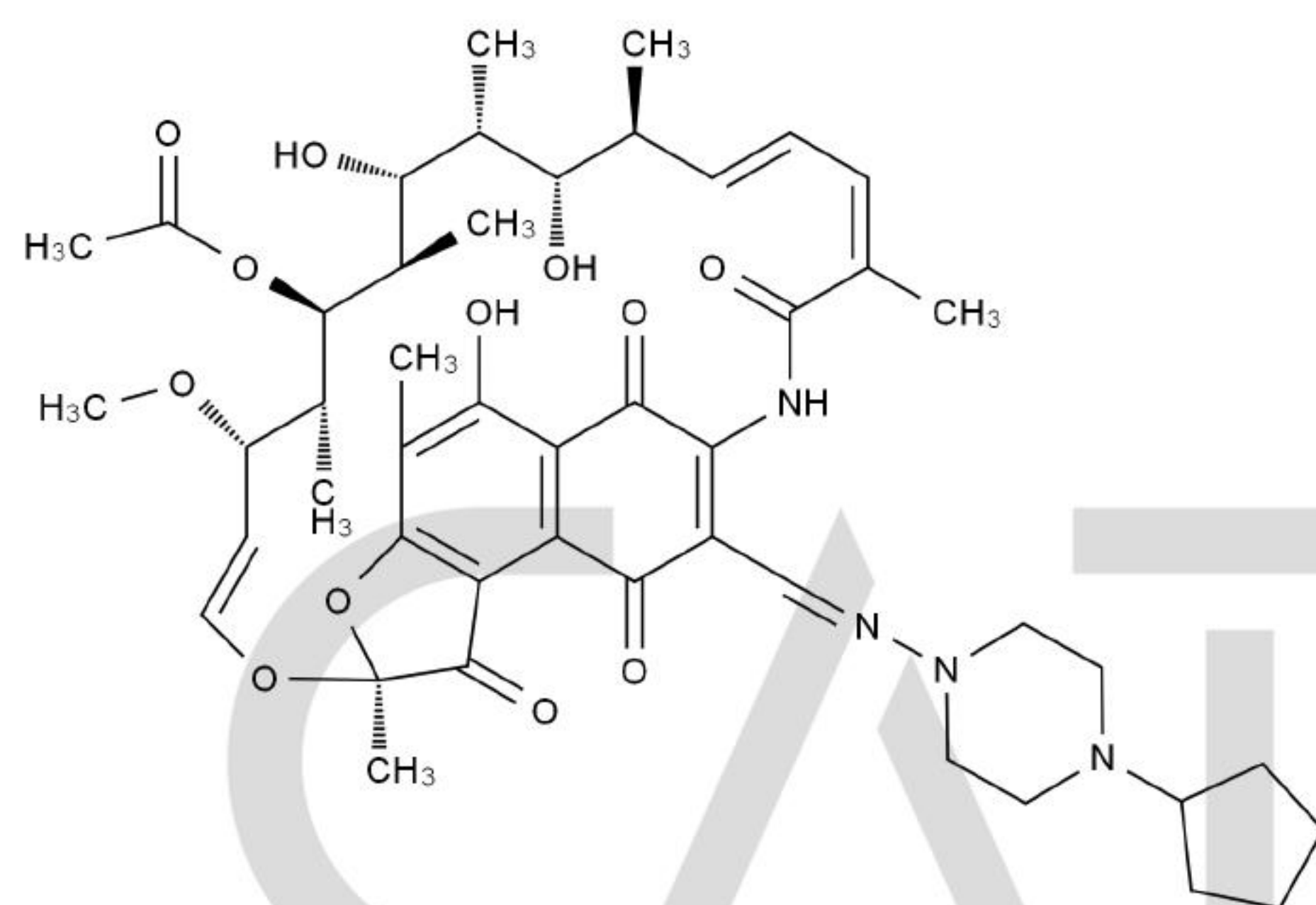


Certificate of Analysis

Reference Material & Standard

Product Name:	Rifapentine Quinone	Catalogue Number:	C4X-19593
Synonyms:	N/A	Lot Number:	0409-RF-0004
CAS Number:	N/A	Expiry Date:	Aug 25, 2025
Molecular Formula:	C ₄₇ H ₆₂ N ₄ O ₁₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	875.01	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Black Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	99.2937%
Water Content	Karl Fischer	1.30%
Residual Solvents	NMR	0.5% acetonitrile
Assay		97.5%

Comment:

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

Assay (%) = (100% - Water Content - Residual Solvents) * 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: Apr 09, 2024

Date: Apr 09, 2024

Date: Apr 09, 2024

