

Certificate of Analysis

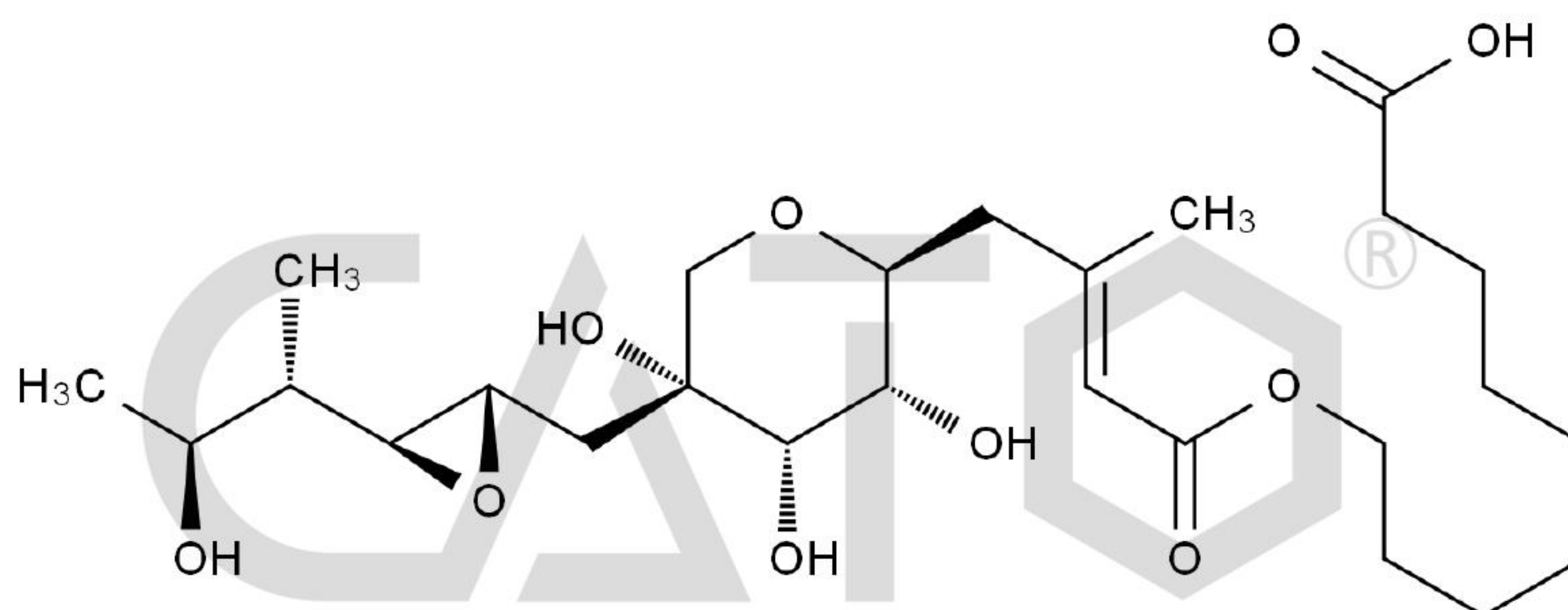
Reference Material & Standard

Product Name:	Mupirocin EP Impurity A	Catalogue Number:	C4X-17061
Synonyms:	Pseudomonic acid B	Lot Number:	0401-RH-0016
CAS Number:	40980-51-6	Expiry Date:	Mar 30, 2030
Molecular Formula:	C ₂₆ H ₄₄ O ₁₀	Storage:	-80°C±5°C Protected from light and Sealed
Molecular Weight:	516.62	Shipping Condition:	Shipping with Dry Ice

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Crystalline Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	96.35%
Residue on Ignition	TGA	0.9513%
Loss on Drying	TGA	2.9659%
Assay		92.6%

Comment:

The calculation of the mass balance 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:

Reviewed by:

Approved by General Manager:

Date: Jun 11, 2026

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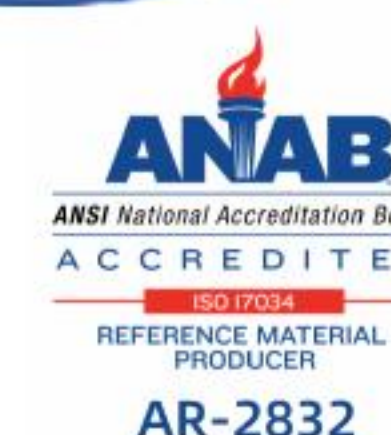
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