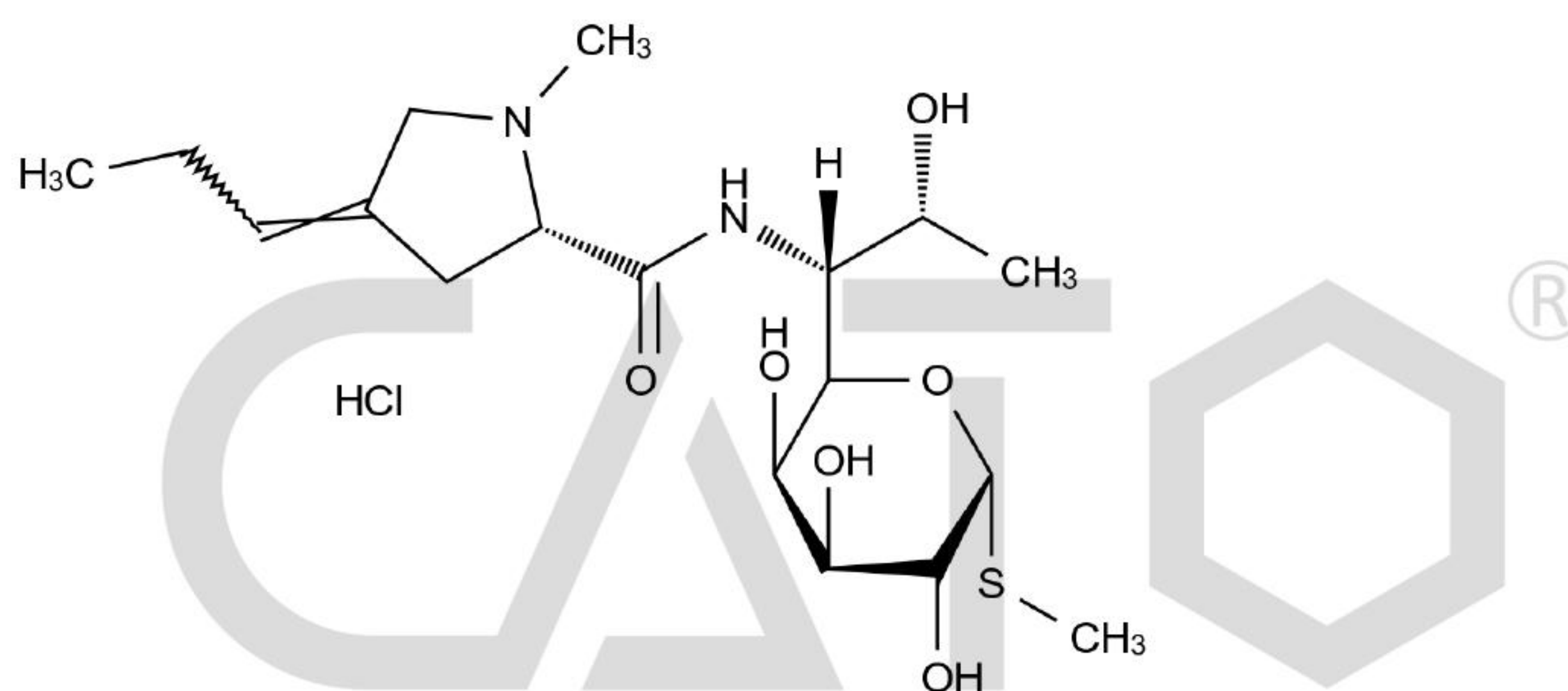


Certificate of Analysis

Reference Material & Standard

Product Name:	Lincomycin Hydrochloride EP Impurity B (Mixture of Z/E) HCl	Catalogue Number:	C4X-134234
Synonyms:	N/A	Lot Number:	0923-RG-0146
CAS Number:	37744-65-3(free base)	Expiry Date:	Sep 25, 2029
Molecular Formula:	C ₁₈ H ₃₂ N ₂ O ₆ S HCl	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	404.52 36.46	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.120%
Loss on Drying	TGA	4.3592%
Assay		94.8%

Comment:

The calculation of the mass balance 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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Sep 26, 2025

Date: Sep 26, 2025

Date: Sep 26, 2025



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

