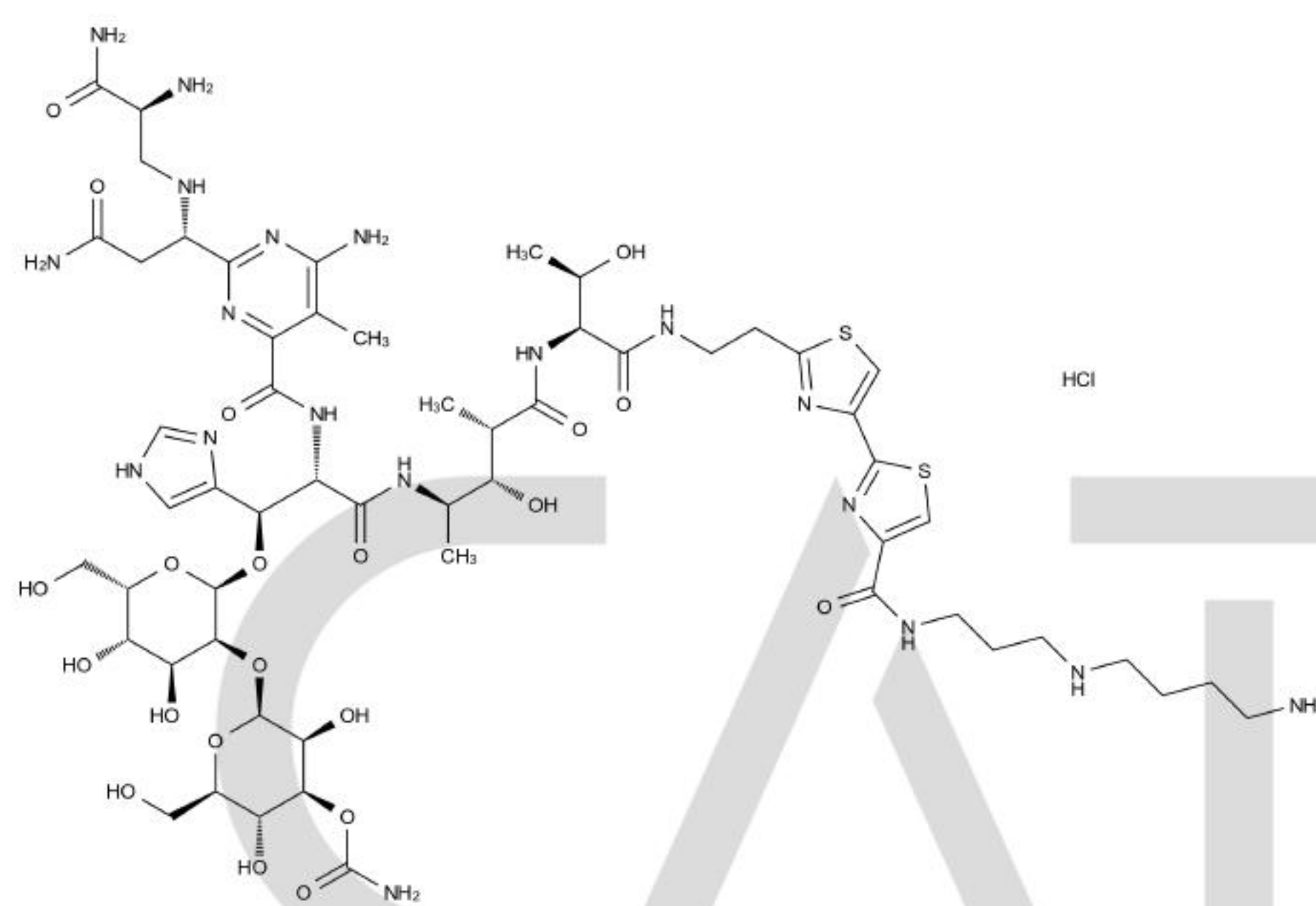


Certificate of Analysis

Reference Material & Standard

Product Name:	Bleomycin A5 HCl	Catalogue Number:	C4X-26433
Synonyms:	N/A	Lot Number:	0212-RH-0013
CAS Number:	N/A	Expiry Date:	Feb 09, 2030
Molecular Formula:	C ₅₇ H ₈₉ N ₁₉ O ₂₁ S ₂ HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	1440.56 36.46	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	HRMS&HNMR	Confirmed
Purity	HPLC	97.8292%
Loss On Drying	TGA	4.498%
Assay		93.4%

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:

Reviewed by:

Approved by General Manager:

Date: Feb 12, 2026

Date: Feb 12, 2026

Date: Feb 12, 2026



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>

