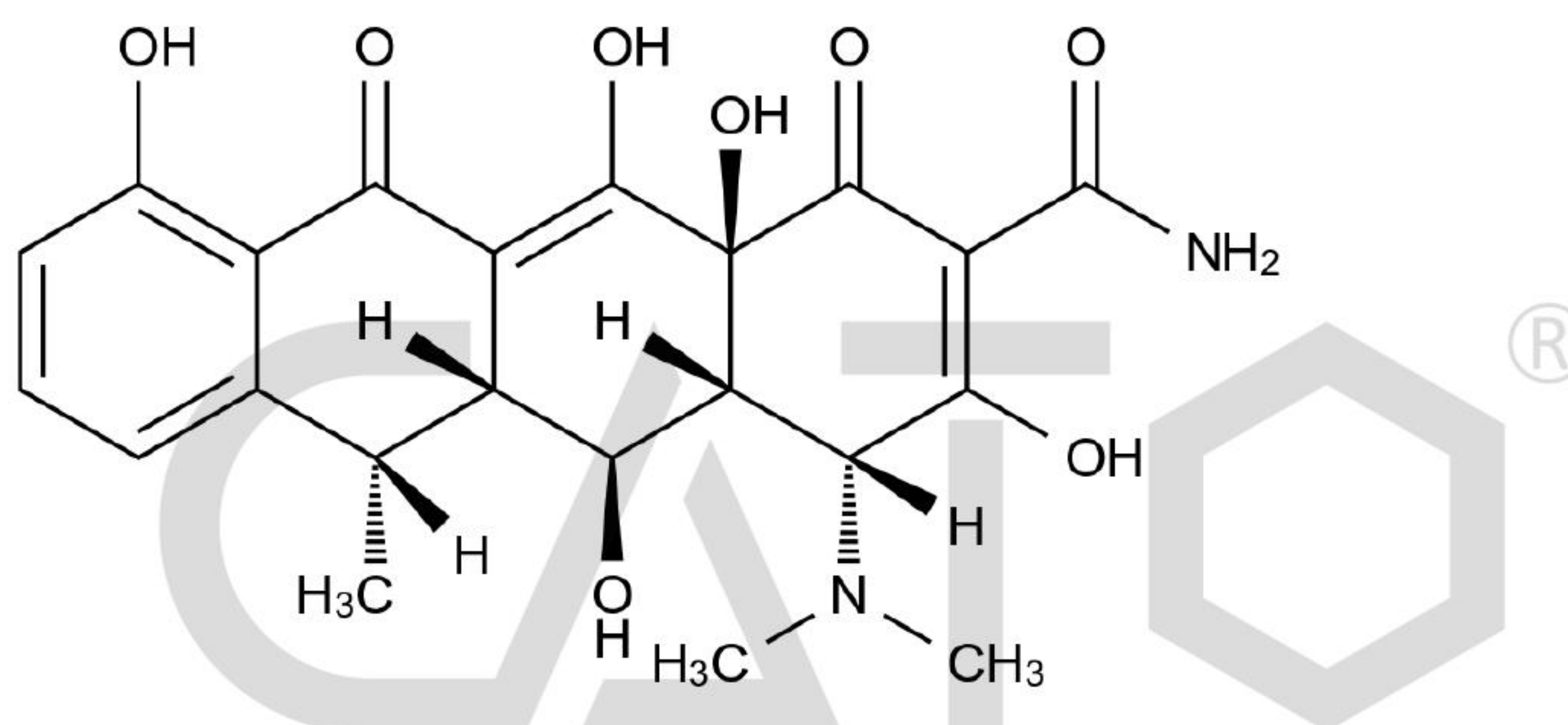


Certificate of Analysis

Reference Material & Standard

Product Name:	Doxycycline EP Impurity D	Catalogue Number:	C4X-19314
Synonyms:	N/A	Lot Number:	1209-RG-0014
CAS Number:	97583-08-9	Expiry Date:	Dec 14, 2029
Molecular Formula:	C ₂₂ H ₂₄ N ₂ O ₈	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	444.43	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	90.3%
Assay	qNMR	90.3%

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: May 15, 2026

Date: May 15, 2026

Date: May 15, 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>

Page 1 of 8



Official WeChat