

Certificate of Analysis

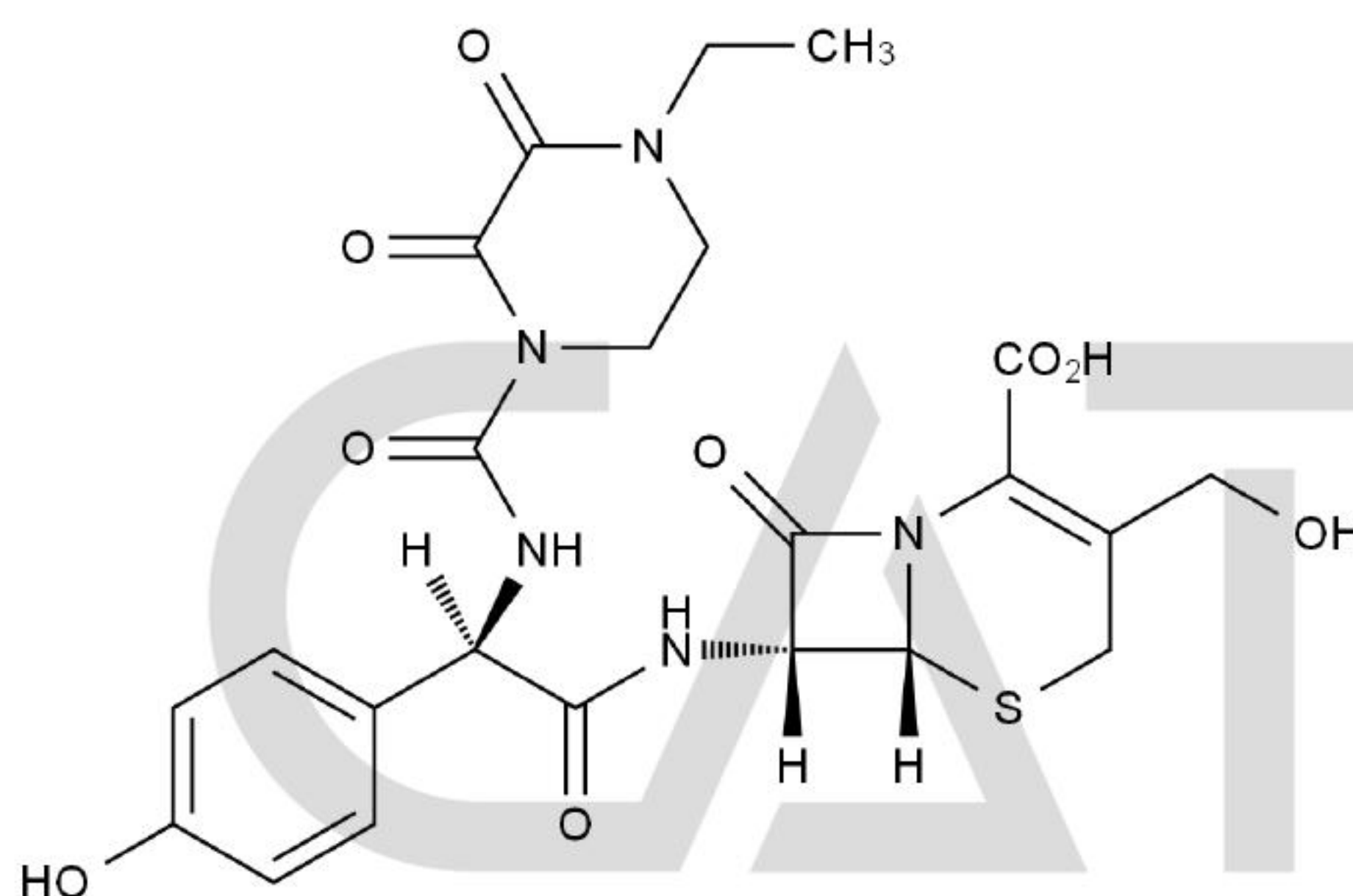
Reference Material & Standard

Product Name:	Cefoperazone Impurity 12	Catalogue Number:	C4X-114912
Synonyms:	N/A	Lot Number:	1217-RG-0059
CAS Number:	698339-10-5	Expiry Date:	May 07, 2028
Molecular Formula:	C ₂₃ H ₂₅ N ₅ O ₉ S	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	547.54	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	96.9%
Assay	qNMR	92.4%

Signature:

Prepared by:

Koi

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Dec 18, 2025

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