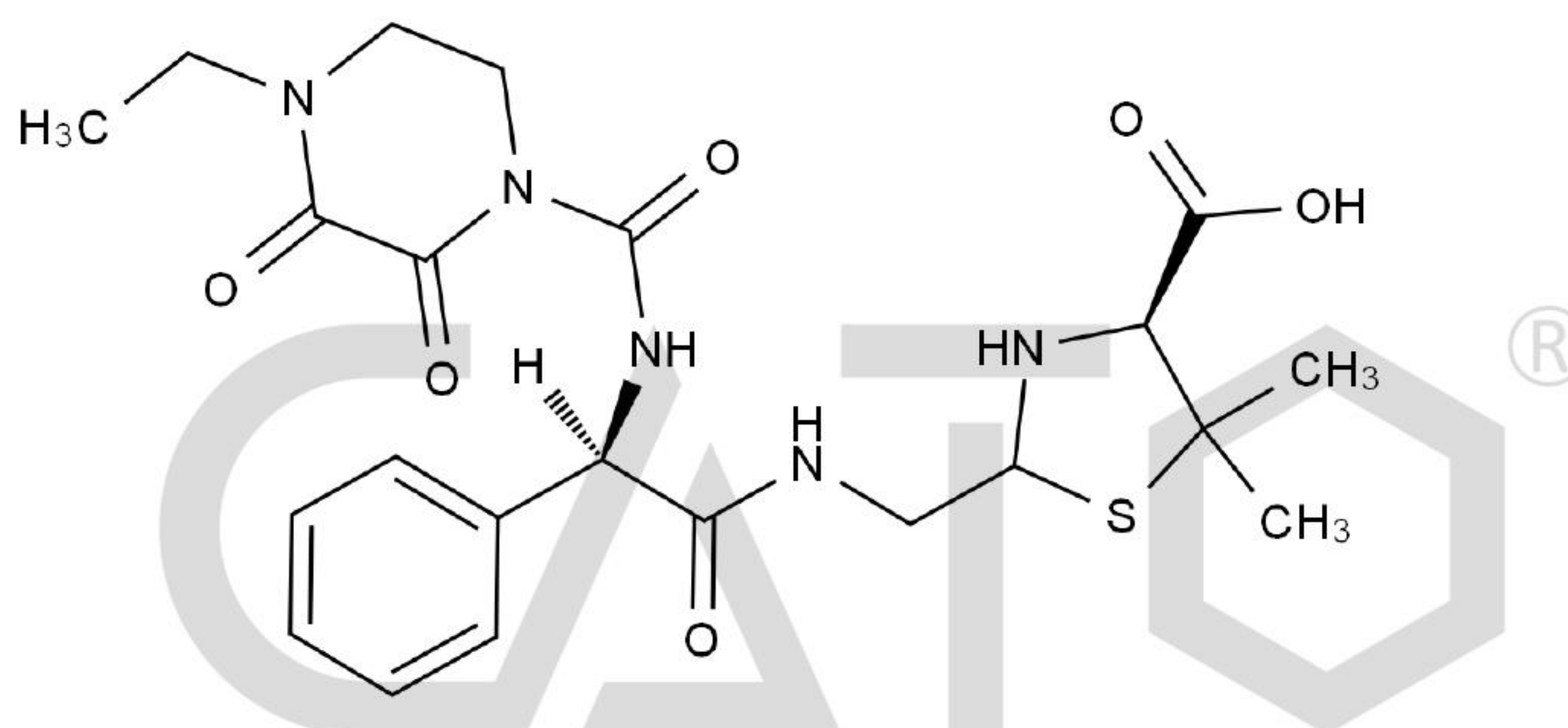


Certificate of Analysis

Reference Material & Standard

Product Name:	Piperacillin EP Impurity C	Catalogue Number:	C4X-173223
Synonyms:	N/A	Lot Number:	0830-RE-0003
CAS Number:	2649505-15-5	Expiry Date:	Jul 08, 2027
Molecular Formula:	C ₂₂ H ₂₉ N ₅ O ₆ S	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	491.56	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	99.3%
Assay	qNMR	93.8%

Signature:

Prepared by:

Koi

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: May 13, 2026

Date: May 13, 2026

Date: May 13, 2026



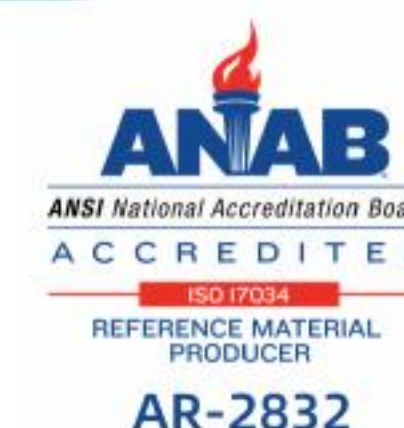
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