

Certificate of Analysis

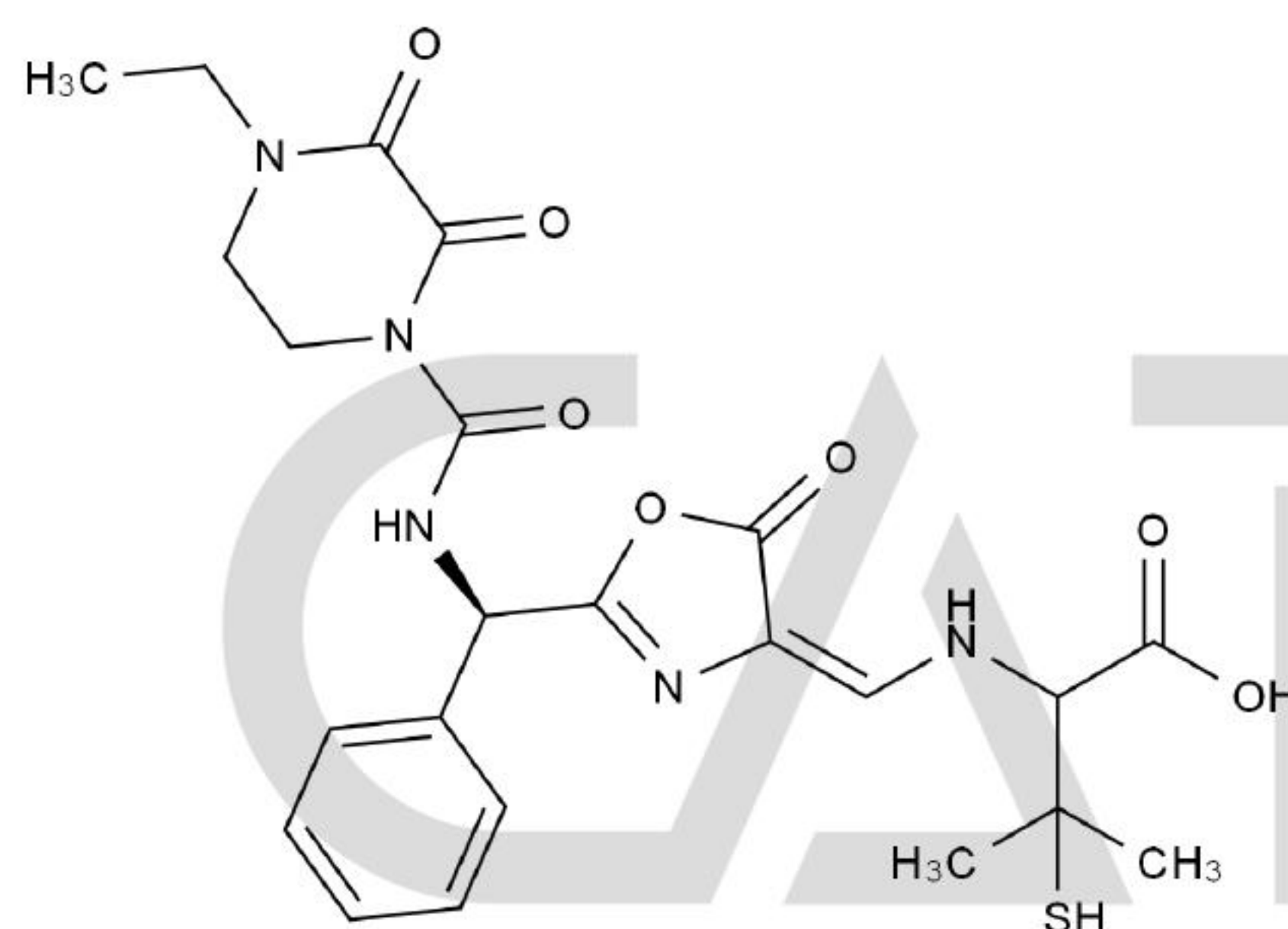
Reference Material & Standard

Product Name:	Piperacillin EP Impurity K	Catalogue Number:	C4X-173216
Synonyms:	Penicillenic Acid; Piperacillin Impurity K	Lot Number:	0710-RH-0006
CAS Number:	2734474-72-5	Expiry Date:	Jul 12, 2030
Molecular Formula:	C ₂₃ H ₂₇ N ₅ O ₇ S	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	517.55	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Powder
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	95.4%
Assay	qNMR	91.2%

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jul 13, 2026

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