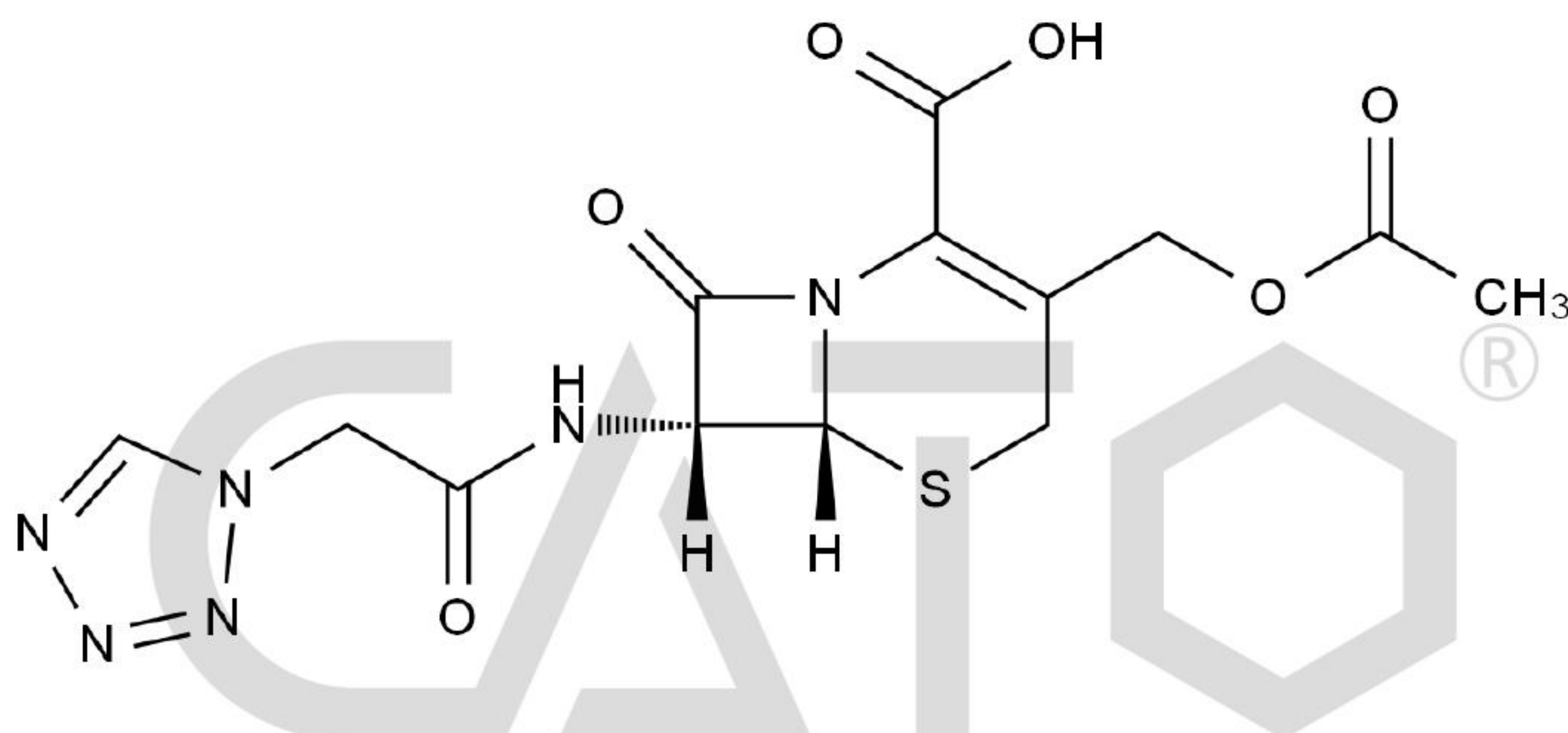


Certificate of Analysis

Reference Material & Standard

Product Name:	Cefazolin EP Impurity D(Cefazolin USP RC J)	Catalogue Number:	C4X-157719
Synonyms:	Cefazolin acetoxy analog	Lot Number:	0114-RG-0088
CAS Number:	32510-61-5	Expiry Date:	Jan 13, 2028
Molecular Formula:	C ₁₃ H ₁₄ N ₆ O ₆ S	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	382.35		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.2%
Assay	qNMR	90.1%

Comment:

Assay was determined by quantitative ¹H-NMR.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jan 20, 2025

Date: Jan 21, 2025

Date: Jan 21, 2025

