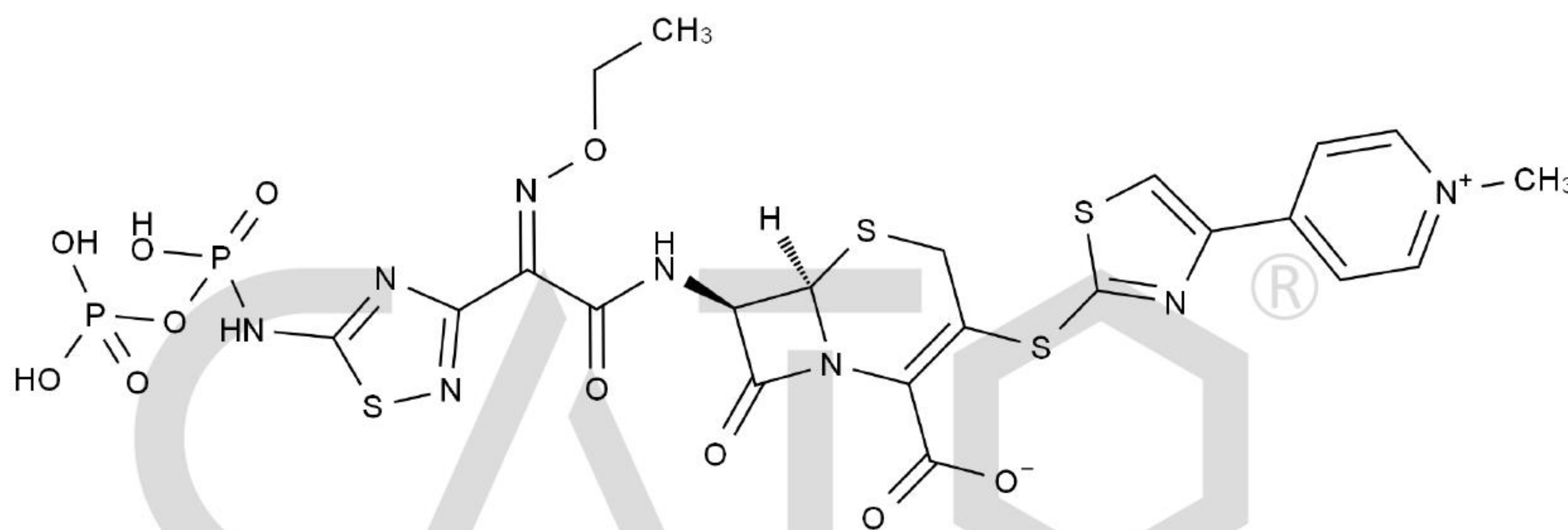


Certificate of Analysis

Reference Material & Standard

Product Name:	Ceftaroline Impurity 9	Catalogue Number:	C4X-14839
Synonyms:	N/A	Lot Number:	1209-RG-0008
CAS Number:	1286218-64-1	Expiry Date:	Apr 27, 2027
Molecular Formula:	C ₂₂ H ₂₂ N ₈ O ₁₁ P ₂ S ₄	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	764.66	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	90.8%
Assay	qNMR	83.1%

Signature:

Prepared by:

Hin Lam

Reviewed by:

Yuki-i

Approved by General Manager:

David

Date: Dec 12, 2025

Date: Dec 12, 2025

Date: Dec 12, 2025



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