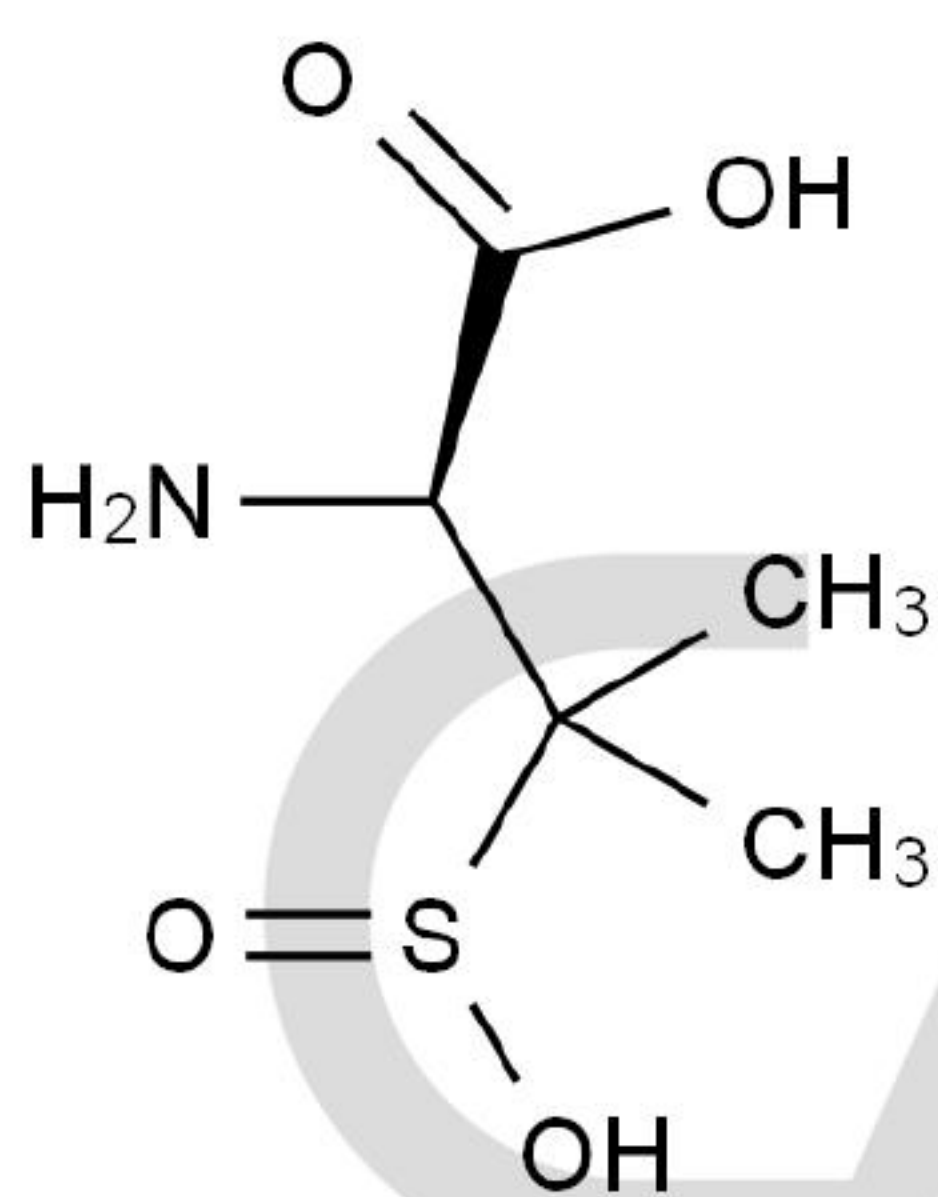


Certificate of Analysis

Reference Material & Standard

Product Name:	Sulbactam EP Impurity A	Catalogue Number:	C4X-17561
Synonyms:	Sulbactam USP Related Compound A	Lot Number:	0130-RH-0003
CAS Number:	23315-18-6	Expiry Date:	Feb 02, 2030
Molecular Formula:	C ₅ H ₁₁ NO ₄ S	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	181.21	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	96.9%
Assay	qNMR	92.6%

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Feb 06, 2026

Date: Feb 06, 2026

Date: Feb 06, 2026



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