

Certificate of Analysis

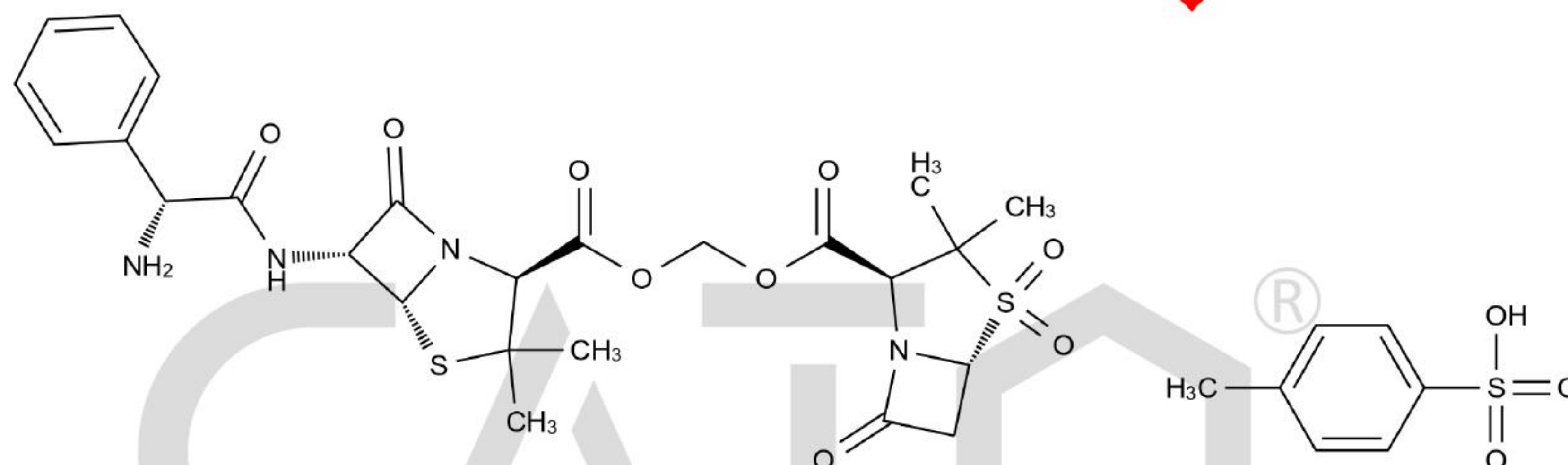
Reference Material & Standard

Product Name:	Sultamicillin Tosylate	Catalogue Number:	C1896825
Synonyms:	N/A	Lot Number:	1219-RG-0049
CAS Number:	83105-70-8	Expiry Date:	Sep 04, 2027
Molecular Formula:	C ₂₅ H ₃₀ N ₄ O ₉ S ₂ C ₇ H ₈ O ₃ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	594.66 172.20	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Acceptance Criteria	Results
Appearance	White or off-white crystalline powder	Confirmed
Specific Rotation	+178° ~ +195°	+193°
Solubility	Confirmed	Confirmed
Ethyl Acetate	≤ 2.0%	0.4%
Heavy Metals	≤ 20ppm	< 20ppm
Water	4.0% ~ 6.0%	4.9%
Sulphated Ash	≤ 0.2%	0.15%
Impurity A	≤ 0.5%	0.04%
Impurity B	≤ 2.0%	0.22%
Impurity C	≤ 0.5%	0.04%
Impurity D	≤ 0.5%	0.08%
Impurity E	≤ 0.5%	0.18%
Impurity F	≤ 0.5%	0.05%
Impurity G	≤ 0.5%	0.06%
Any Other Impurity	≤ 0.5%	0.08%
Total Impurities	≤ 4.0%	1.15%
Assay	95.0 ~ 102.0%	98.5%

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: Dec 22, 2025

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