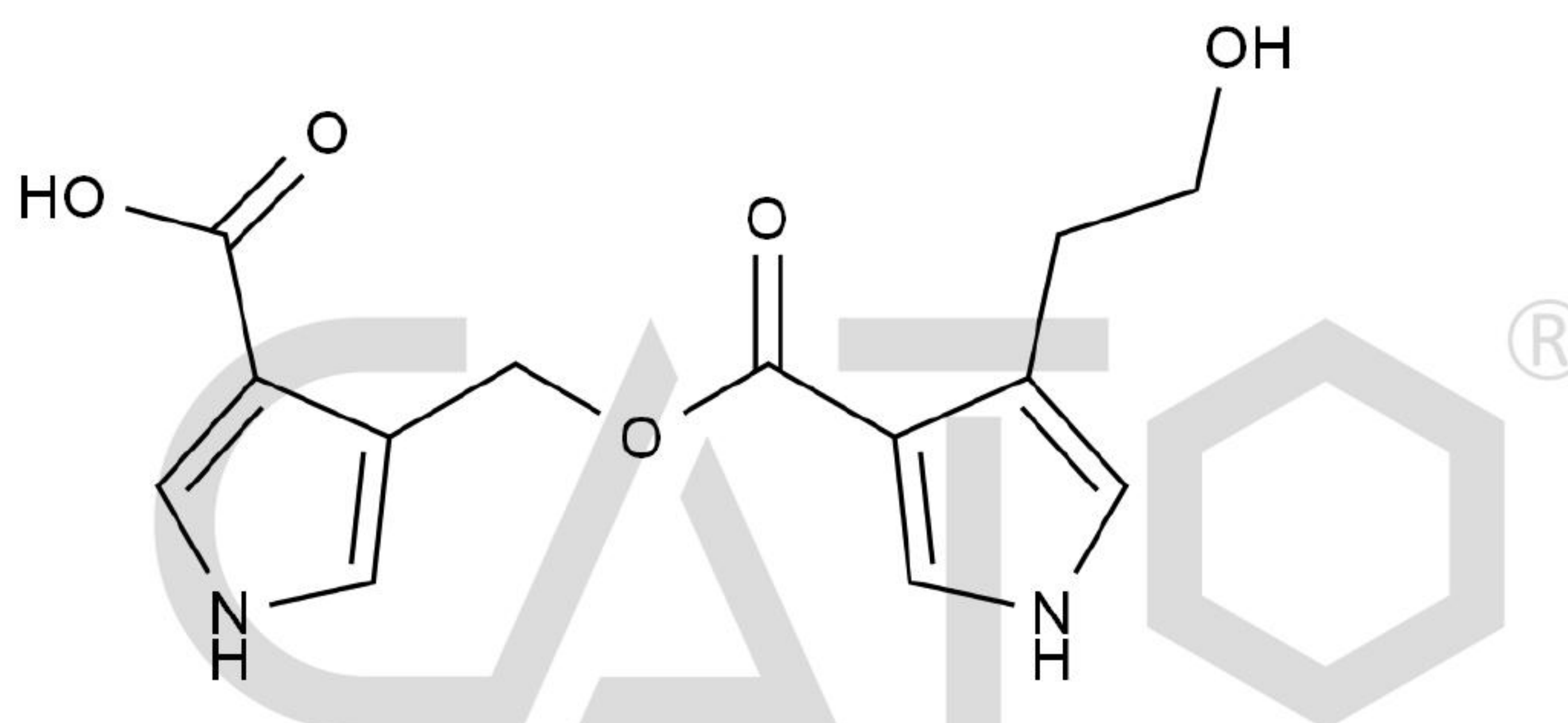


Certificate of Analysis

Reference Material & Standard

Product Name:	Potassium Clavulanate EP Impurity F	Catalogue Number:	C4X-114615
Synonyms:	N/A	Lot Number:	0316-RH-0051
CAS Number:	1260857-16-6	Expiry Date:	Mar 23, 2030
Molecular Formula:	C ₁₃ H ₁₄ N ₂ O ₅	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	278.26	Shipping Condition:	Shipping with Ice Packs
Solubility:	Acetonitrile		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.536%
Loss On Drying	TGA	0.0239%
Assay		98.5%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

$Assay (\%) = (100\% - Loss\ On\ Drying) * Purity\ HPLC (\%) / 100\%$

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Mar 24, 2026

Date: Mar 24, 2026

Date: Mar 24, 2026



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