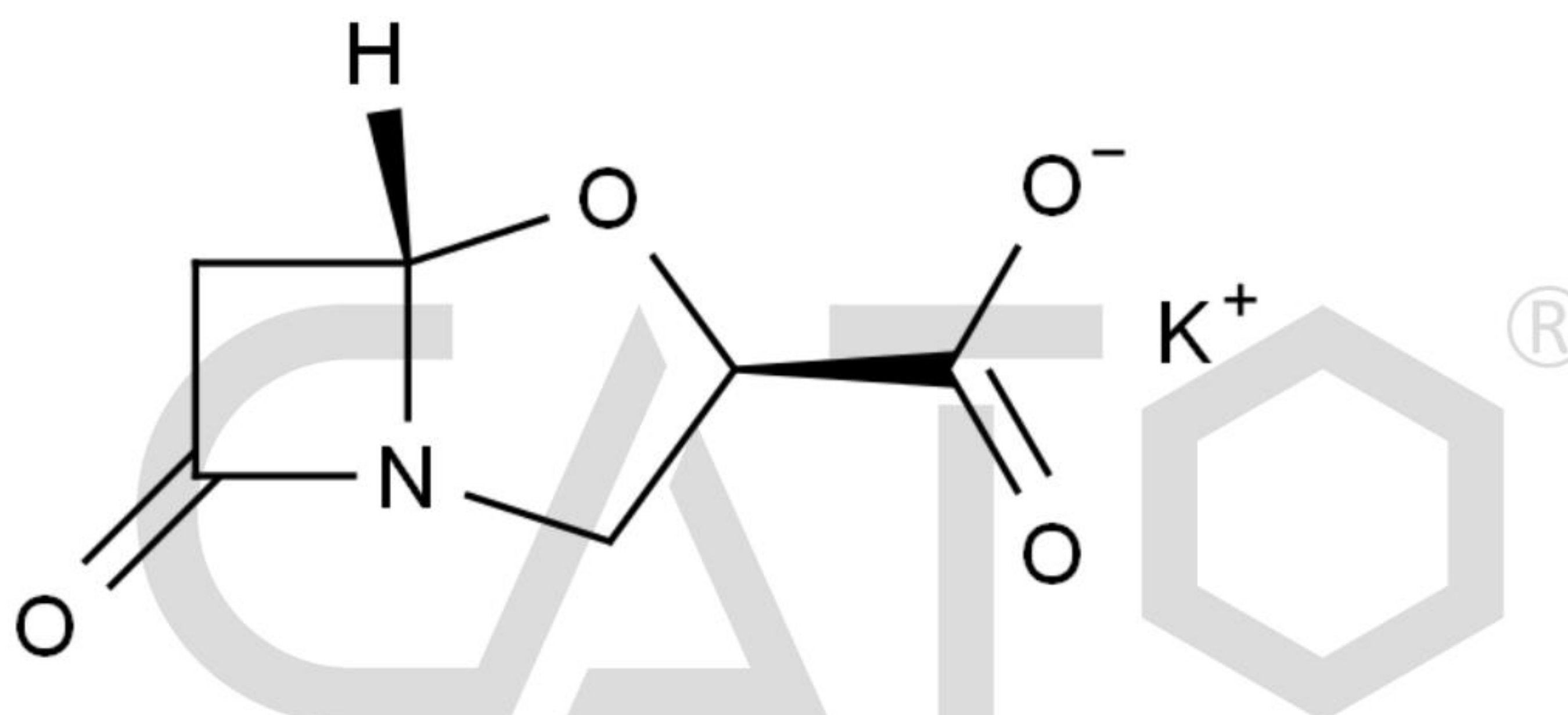


Certificate of Analysis

Reference Material & Standard

Product Name:	Clavam-2-carboxylate potassium	Catalogue Number:	C4X-114616
Synonyms:	N/A	Lot Number:	0423-RH-0078
CAS Number:	2196185-67-6	Expiry Date:	May 10, 2027
Molecular Formula:	C ₆ H ₆ NO ₄ K	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	156.12 39.10	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Orange Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	ELSD	99.8087%
Water Content	Karl Fischer	11.5%
Residual Solvents	NMR	3.3% acetonitrile
Specific Rotation		[α] _D 25.0(C=0.54, H ₂ O): -66.2°
Assay		85.0%

Comment:

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

Assay (%) = (100% - Water Content - Residual Solvents) * Purity ELSD (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, ELSD purity is considered as relative effect.

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: Apr 29, 2026

Date: Apr 29, 2026

Date: Apr 29, 2026



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

