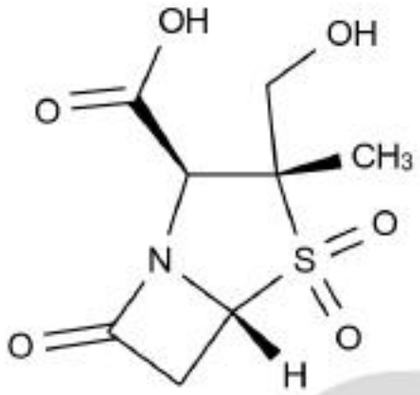
Certificate of Analysis

Reference Material & Standard

Product Name:	(2S,3R,5R)-3-(Hydroxymethyl)-3-methyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid 4,4-dioxide	**Catalogue Number:**	C1469705
Synonyms:	N/A	**Lot Number:**	0315-SA-7976
CAS Number:	95123-10-7	**Expiry Date:**	Mar 14, 28
Molecular Formula:	$C_8H_{11}NO_6S$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	249.24	**Warning:**	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Solid
Identification:	LC&HNMR	Confirmed
Purity:	HPLC	97.591%

CATO Research Chemicals Inc.

Signature:

Prepared by: Lisa Date: Mar 15, 24

Reviewed by: Yuki Date: Mar 15, 24

Approved by General Manager: David Date: Mar 15, 24

CATO Research Chemicals Inc.

Directions:

1. Intended use: This product is suitable for identification and quantification of the analyte(s), instrument calibration, method development and quality control in analytical and R&D applications. It is not intended for administration to humans or animals, and shall not be used to diagnose, treat or cure any diseases.

2. Minimum sample size: 1mg is recommended as the minimum sample size.

3. Metrological traceability: This product meets the requirements of ISO 17034 and is traceable to NMI through an unbroken chain of comparisons.

4. Instructions for handling and correct use: Handling in a well-ventilated place.

Document Version:

Revision No.	Date	Reason for Revision
01	Mar 15, 24	First release.

CATO Research Chemicals Inc.