



CERTIFICATE OF ANALYSIS

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1. Identification

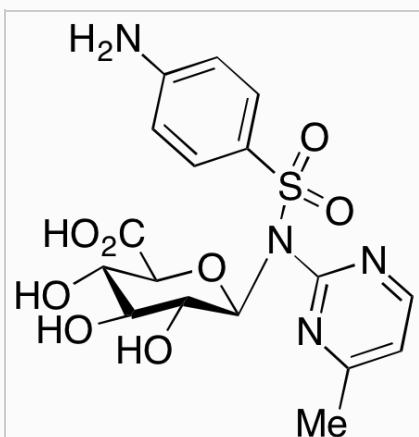
Catalogue Number: S688995

CAS Number: NA

Product: Sulfamerazine N1-Glucuronide

Synonym: (2S,3S,5R,6R)-6-(4-Amino-N-(4-methylpyrimidin-2-yl)phenylsulfonamido)-3,4,5-trihydroxytetrahydro-2H-pyran-2-carboxylic Acid;

Structure:



Molecular Formula:

C₁₇H₂₀N₄O₈S

Molecular weight:

440.43

Source of Product:

Synthetic

Solubility:

DMSO (Slightly), Water (Slightly)

Lot Number: 25-AKS-8-5

Purity: 95%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Pale Yellow to Light Orange Solid	Pale Yellow to Light Orange Solid
Elemental Analysis	Conforms	%C: 45.07, %H: 4.86, %N: 11.92
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	-37.6° (c = 0.1, Water)
NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	97.14% (270 nm)

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
swathi reddy	Toni Rantanen	Chanell Chu	10/5/2023	10/3/2027