



CERTIFICATE OF ANALYSIS

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1. Identification

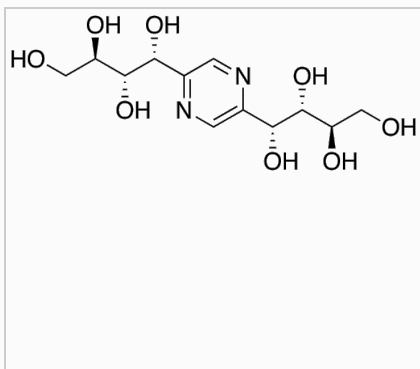
Catalogue Number: F785000

CAS Number: 13185-73-4

Product: Fructosazine

Synonym: (1R,1'R,2S,2'S,3R,3'R)-1,1'-(2,5-Pyrazinediyl)bis-1,2,3,4-butanetetrol; D-Arabino-1,1'-(2,5-pyrazinediyl)di-1,2,3,4-butanetetrol;

Structure:



Molecular Formula:

C₁₂H₂₀N₂O₈

Molecular weight:

320.3

Source of Product:

Synthetic

Solubility:

Methanol (Very Slightly),
Water (Slightly)

Lot Number: 27-PSB-173-1

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 Beige to Brown Solid	Pale Brown to Light Brown Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 43.72, %H: 5.96, %N: 8.66
HPLC Purity	Report Result	97.71% (275 nm)
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	-61.1° (c = 0.2, Water)

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	10/29/2023	10/27/2027