



CERTIFICATE OF ANALYSIS

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1. Identification

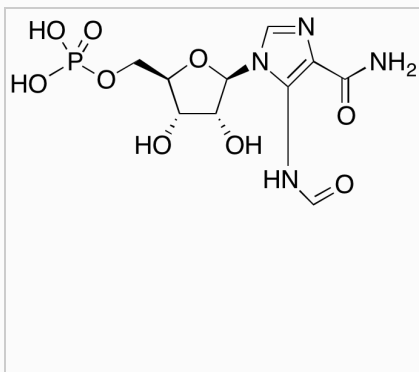
Catalogue Number: F101065

CAS Number: 13018-54-7

Product: FAICAR ~85%

Synonym: 5-Formylamino-4-imidazolecarboxamide Ribonucleotide; 5-(Formylamino)-1-(5-O-phosphono-β-D-ribofuranosyl)-1H-imidazole-4-carboxamide; 5-Formamido-1-β-D-ribofuranosyl-,5'-(dihydrogen phosphate)-imidazole-4-carboxamide

Structure:



Molecular Formula:

C₁₀H₁₅N₄O₉P

Molecular weight:

366.22

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly), DMSO (Slightly), Water (Slightly)

Lot Number: 12-SUM-134-1

Purity: ~85%

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	Off-White to Very Dark Brown Solid	Very Dark Red to Very Dark Brown Solid
Elemental Analysis	Conforms	%C: 28.57, %H: 5.20, %N: 16.65
P NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	-36.1° (c = 0.1, Water)
NMR	Conforms to Structure	Conforms
Water Content	Report Result	~8.7% based on Elemental Analysis

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
Nicole Yip	Toni Rantanen	Chanell Chu	6/22/2022	6/20/2026