



CERTIFICATE OF ANALYSIS

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1. Identification

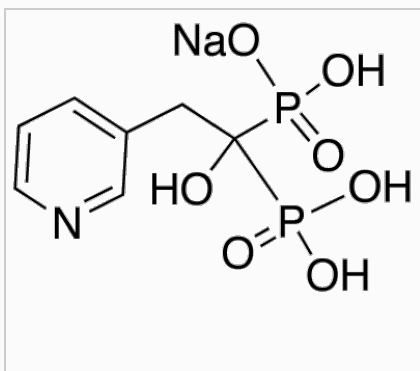
Catalogue Number: R521500

CAS Number: 115436-72-1

Product: Risedronic Acid Sodium Salt

Synonym: [1-Hydroxy-2-(3-pyridinyl)ethylidene]bisphosphonic Acid Monosodium Salt; Actonel; NE 58095; Risedronate sodium; Risedronic Acid Monosodium Salt; Sodium Risedronate;

Structure:



Molecular Formula:

$C_7H_{10}NNaO_7P_2$

Molecular weight:

305.09

Source of Product:

N/A

Solubility:

3.3 mg/mL in Water, Only soluble in water

Lot Number: 6-DAR-183-1

Purity: 98%

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	White to Off-White Solid	White to Off-White Solid
Elemental Analysis	Conforms	%C: 25.32, %H: 4.10, %N: 4.31
NMR	Conforms to Structure	Conforms
P NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Sodium Content	Report Result	6.48% by Ion Chromatography
HPLC Purity	Report Result	100.00% (260 nm)
Water Content	Report Result	~8.1% 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 $\pm 2\%$. 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
Evan Burns	Toni Rantanen	Chanell Chu	9/2/2022	8/31/2026
				