



CERTIFICATE OF ANALYSIS

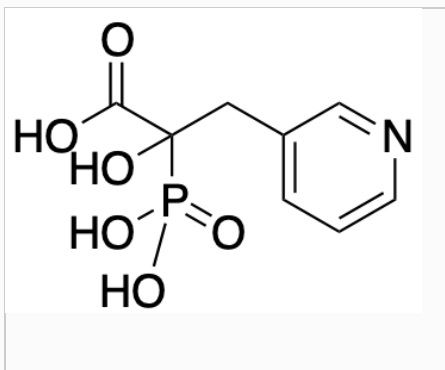
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1. Identification

Catalogue Number: P188695

Product: 3-PEHPC

Structure:



CAS Number: 152831-36-2

Synonym: NE 10790; α -Hydroxy- α -phosphono-3-pyridinepropanoic acid

Molecular Formula:

$C_8H_{10}NO_6P$

Molecular weight:

247.14

Source of Product:

Synthetic

Solubility:

Methanol (Very Slightly),
Water (Slightly)

Lot Number: 4-JFI-91-2

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 Solid
NMR	Conforms to Structure	Conforms
P NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 38.53, %H: 3.92, %N: 5.59
MS	Conforms to Structure	Conforms
HPLC Purity	Report Result	98.09% (260 nm)
Specific Rotation	Report Result	+0.0° (c = 0.1, 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 $\pm 2\%$. 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
Nicole Yip	Toni Rantanen	Christina Gouliaras	8/21/2023	8/19/2027