



CERTIFICATE OF ANALYSIS

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1. Identification

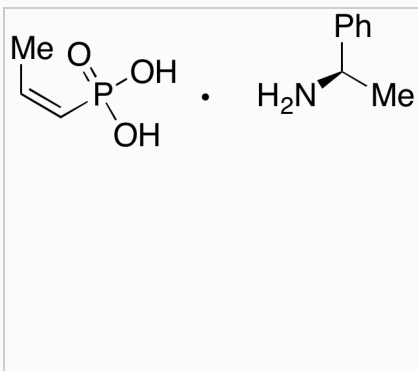
Catalogue Number: P768980

CAS Number: 933443-26-6

Product: cis-Propenylphosphonic Acid (R)-(+)- α -Methylbenzylamine Salt

Synonym: P-(1Z)-1-Propen-1-ylphosphonic Acid (R)-(+)- α -Methylbenzylamine Salt; (1Z)-1-Propenylphosphonic Acid (R)-(+)- α -Methylbenzylamine Salt; (Z)-1-Propenylphosphonic Acid (R)-(+)- α -Methylbenzylamine Salt; (Z)-Propenylphosphonic Acid (R)-(+)- α -Methylbenzylamine Salt; cis-1-Propenylphosphonic Acid (R)-(+)- α -Methylbenzylamine Salt; [(Z)-1-Propenyl]phosphonic Acid (R)-(+)- α -Methylbenzylamine Salt

Structure:



Molecular Formula:

C₃H₇O₃P(C₈H₁₁N)

Molecular weight:

122.06 (121.18)

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly),
Methanol (Slightly)

Lot Number: 16-NSR-144-1

Purity: 97%

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 Beige Solid	White to Off-White Solid
HPLC Purity	Report Result	99.06% (205 nm)
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 53.32, %H: 7.46, %N: 5.99
P NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms

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
Henry Tieu	Toni Rantanen	Chanell Chu	7/26/2023	7/24/2027
				