



CERTIFICATE OF ANALYSIS

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1. Identification

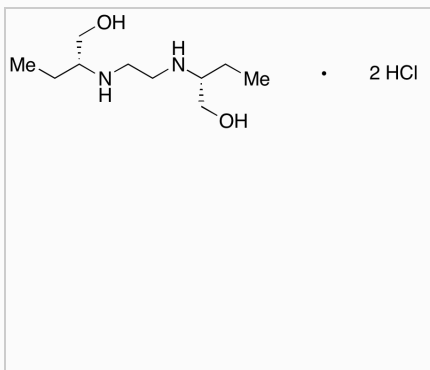
Catalogue Number: E889805

CAS Number: 134566-79-3

Product: (R,R)-Ethambutol Dihydrochloride

Synonym: (2R,2'R)-2,2'-(1,2-Ethanediyldiimino)bis-1-butanol Dihydrochloride

Structure:



Molecular Formula:

C₁₀H₂₆Cl₂N₂O₂

Molecular weight:

277.23

Source of Product:

Synthetic

Solubility:

Methanol (Slightly), Water (Slightly)

Lot Number: 6-EJR-98-1

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:
NMR	Conforms to Structure	Conforms
Appearance	White to Off-White Solid	White Solid
Elemental Analysis	Conforms	%C: 43.56, %H: 9.49, %N: 10.10
HPLC Purity	Report Result	97.79% (ELSD)
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	-3.0° (c = 0.2, Methanol)
Chloride Content	Report Result	25.2%

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	1/26/2023	1/24/2027