



CERTIFICATE OF ANALYSIS

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1. Identification

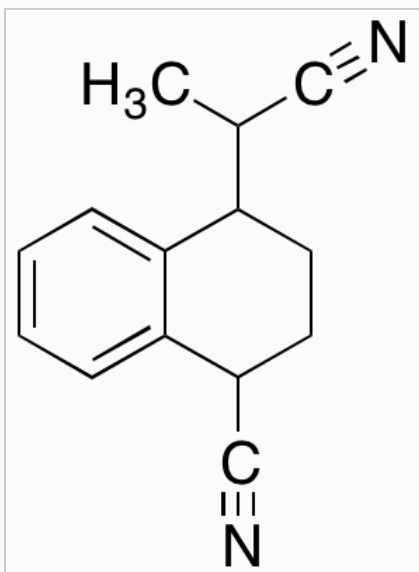
Catalogue Number: C979545

CAS Number: 57964-39-3

Product: 4-(1-Cyanoethyl)-1,2,3,4-tetrahydronaphthalene-1-carbonitrile

Synonym: 4-Cyano-1,2,3,4-tetrahydro- α -methyl-1-naphthaleneacetonitrile; 1-Cyano-4-(1-cyanoethyl)-1,2,3,4-tetrahydronaphthalene;

Structure:



Molecular Formula:

C₁₄H₁₄N₂

Molecular weight:

210.27

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly), Ethyl Acetate (Slightly)

Lot Number: 10-ABN-137-1

Purity: 95%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C, Inert atmosphere

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Off-White to Pale Yellow Semi-Solid to Sticky Solid	Off-White to Pale Yellow Sticky Solid
NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	98.01% (200 nm)
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
swathi reddy	Toni Rantanen	Chanell Chu	9/21/2023	9/19/2027