



CERTIFICATE OF ANALYSIS

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1. Identification

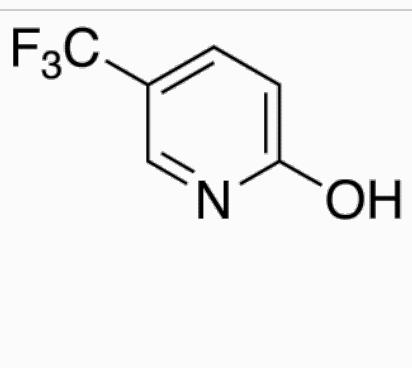
Catalogue Number: H971570

CAS Number: 33252-63-0

Product: 2-Hydroxy-5-(trifluoromethyl)pyridine

Synonym: 5-Trifluoromethyl-2-hydroxypyridine; 5-(Trifluoromethyl)-2-pyridone; 5-(Trifluoromethyl)pyridin-2(1H)-one; 5-(Trifluoromethyl)-2-pyridinol;

Structure:



Lot Number: 1-YM-160-1

Purity: 98%

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

Storage Condition: 4°C

Molecular Formula:

C₆H₄F₃NO

Molecular weight:

163.1

Source of Product:

N/A

Solubility:

DMSO (Soluble), Ethanol (Sparingly), Methanol (Slightly)

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Light Beige to Beige Solid	Beige Solid
NMR	Conforms to Structure	Conforms
F NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	100.00% (230 nm)
MS	Conforms to Structure	Conforms
C NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 44.20, %H: 2.22, %N: 8.47

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	9/16/2021	9/14/2025