



CERTIFICATE OF ANALYSIS

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1. Identification

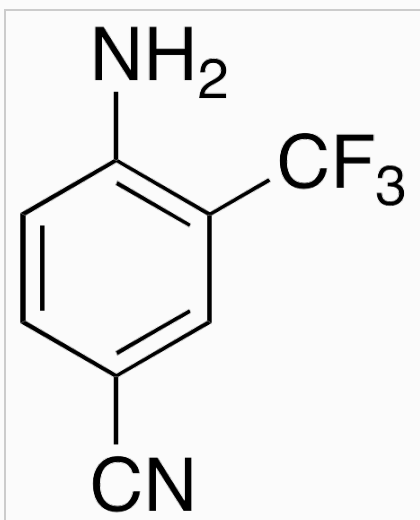
Catalogue Number: A603815

CAS Number: 327-74-2

Product: 2-Amino-5-cyanobenzotrifluoride

Synonym: 4-Amino- α,α,α -trifluoro-m-tolunitrile; 2-Amino-5-cyanobenzotrifluoride; 2-Trifluoromethyl-4-cyanoaniline; 3-Trifluoromethyl-4-aminobenzonitrile; 4-Amino-3-trifluoromethylbenzonitrile; 4-Cyano-2-trifluoromethylaniline

Structure:



Molecular Formula:

$C_8H_5F_3N_2$

Molecular weight:

186.13

Source of Product:

N/A

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 1-PVA-139-1

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:
Elemental Analysis	Conforms	%C: 51.48, %H: 2.57, %N: 14.95
MS	Conforms to Structure	Conforms
NMR	Conforms to Structure	Conforms
FT-IR	Conforms to Structure	Conforms
Appearance	White to Light Beige Solid	Pale Beige to Light Beige Solid
F NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	100.00% (280 nm)

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
Evan Burns	Toni Rantanen	Chanell Chu	9/22/2021	9/20/2025
				