CHEMADVIN SYNTHESIS PRIVATE LIMITED
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Certificate of Analysis (COA)

Compound Information

Product Name	5-Amino-1-methyl-1H-pyrazole-4-carbonitrile
Catalogue No.	CAD464
CAS No.	5334-41-8
Molecular Formula	$C_5H_6N_4$
Molecular Weight	122.13



Batch Information

Lot No.	PM-61-3
Date of Manufacture	08-Aug-26
Report Date	08-Aug-26
Retest Date	08-Feb-27
Storage Condition	2-8 °C
Shipment Condition	2-8 °C

Analytical Test Information

Test Items	Test Results
Physical Appearance	White Solid
Structure	Confirmed based on 1H NMR
Purity	>95% based on 1H NMR

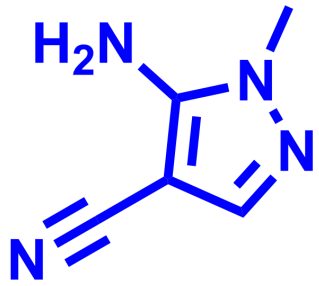


Note: For R&D only - not for drug, household or other uses!

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Sample code:PM-61-3
1H NMR

VARIAN 400MHz NMR
Solvent: dmso
Date:Aug 8 2026



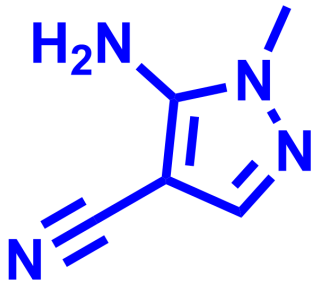
5334-41-8

Plotname: PM-61-3_PROTON_20260808_01_plot01

Sample code:PM-61-3

1H NMR

VARIAN 400MHz NMR
Solvent: dmso
Date:Aug 8 2026

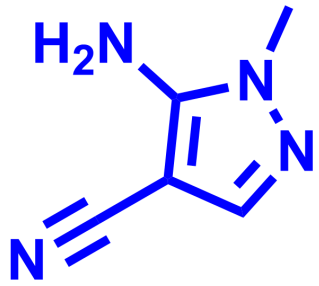


5334-41-8

Plotname: PM-61-3_PROTON_20260808_01_plot02

Sample code:PM-61-3
1H NMR

VARIAN 400MHz NMR
Solvent: dmso
Date:Aug 8 2026



5334-41-8

Plotname: PM-61-3_PROTON_20260808_01_plot03

Sample code:PM-61-3

VARIAN 400MHz NMR
1H NMR
Solvent: dmso
Date:Aug 8 2026

INDEX	FREQUENCY	PPM	HEIGHT
1	3000.7	7.508	15.9
2	2619.6	6.554	9.4
3	1404.2	3.513	58.9
4	1337.3	3.346	228.9
5	1002.3	2.508	72.8
6	1000.6	2.503	98.2
7	998.8	2.499	72.6
8	795.6	1.991	1.3
9	-0.0	-0.000	9.6