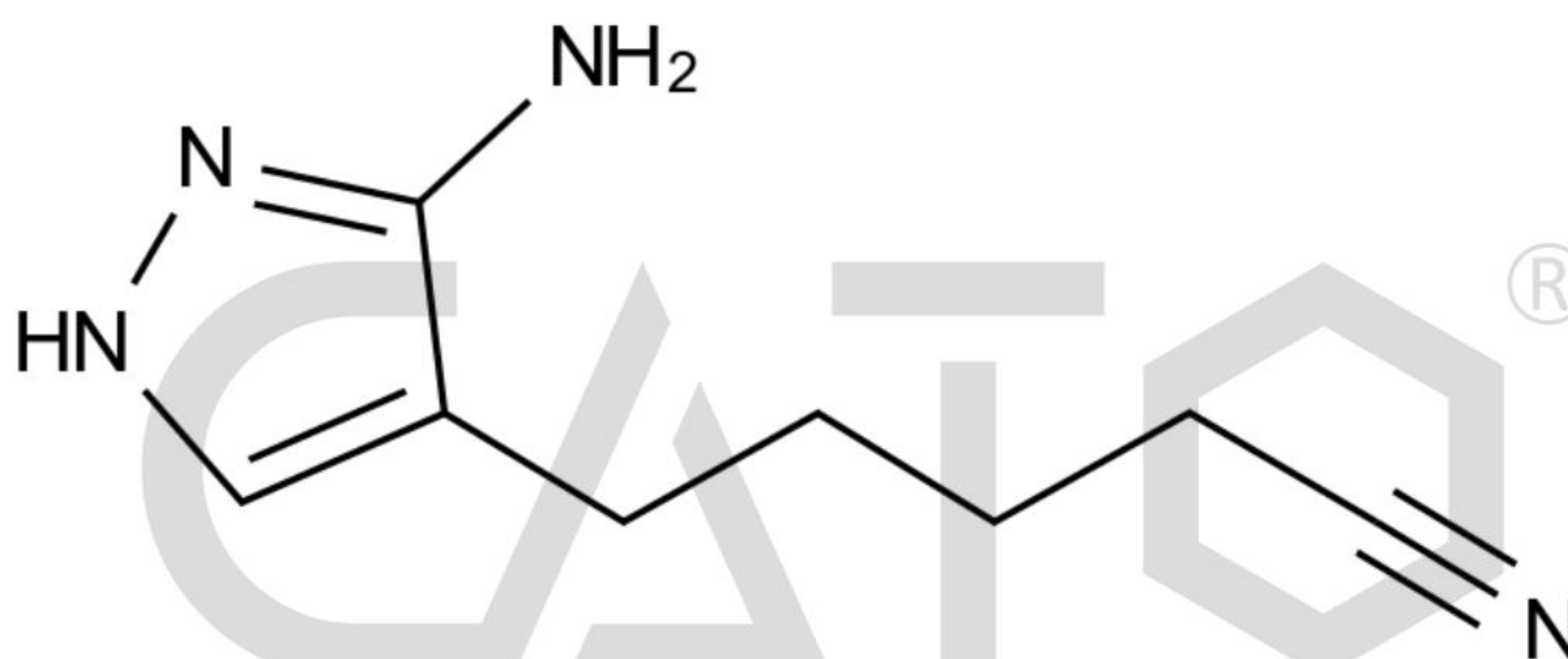


Certificate of Analysis

Reference Material & Standard

Product Name:	5-(3-amino-1H-pyrazol-4-yl)pentanenitrile	Catalogue Number:	C3D-262955
Synonyms:	N/A	Lot Number:	0323-RH-0166
CAS Number:	1011470-70-4	Expiry Date:	Mar 26, 2030
Molecular Formula:	C ₈ H ₁₂ N ₄	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	164.21	Shipping Condition:	Shipping at Room Temperature
Solubility:	Water		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Oil
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.483%
Loss On Drying	TGA	3.6044%
Assay		94.0%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) * Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Mar 27, 2026

Date: Mar 27, 2026

Date: Mar 27, 2026



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