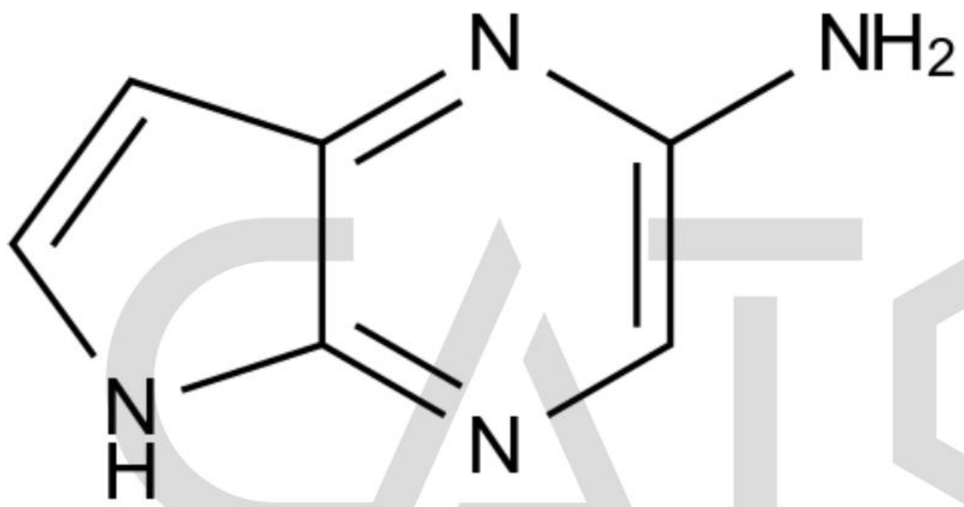
Certificate of Analysis

Reference Material & Standard

Product Name:	5H-pyrrolo[2,3-b]pyrazin-2-amine	**Catalogue Number:**	C1325344
Synonyms:	N/A	**Lot Number:**	0920-RF-0064
CAS Number:	1504066-86-7	**Expiry Date:**	Mar 16, 2030
Molecular Formula:	$C_6H_6N_4$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	134.14	**Shipping Condition:**	Shipping at Room Temperature
		Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	99.08%
Loss on Drying	TGA	0.2572%
Assay	Mass Balance	98.8%

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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: Date: Oct 20, 2026

Reviewed by: Date: Oct 21, 2026

Approved by General Manager: Date: Oct 21, 2026

CATO Research Chemicals Inc.