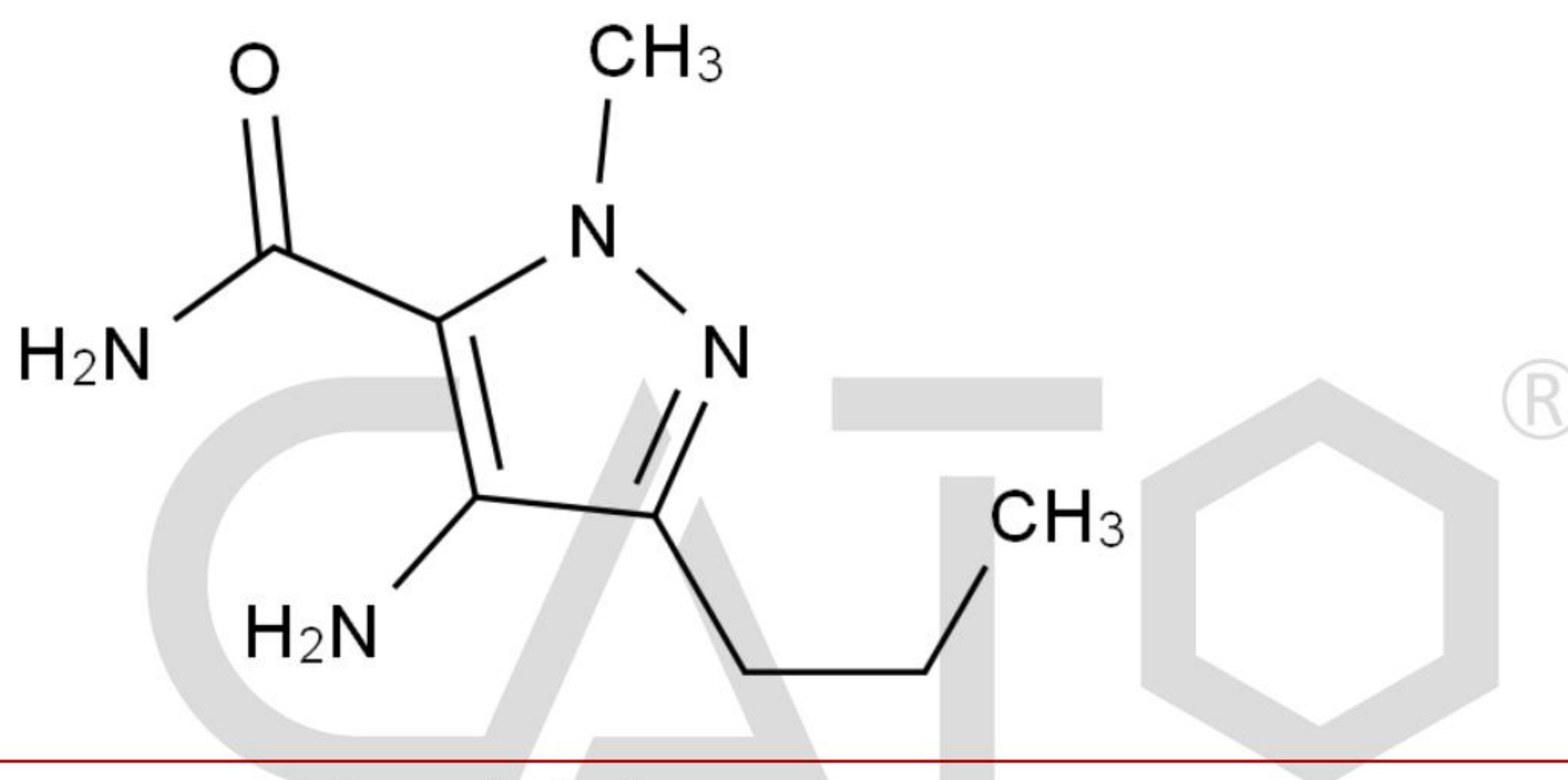


Certificate of Analysis

Reference Material & Standard

Product Name:	Sildenafil Impurity 3	Catalogue Number:	C4X-11283
Synonyms:	N/A	Lot Number:	0429-RG-0052
CAS Number:	139756-02-8	Expiry Date:	May 05, 2028
Molecular Formula:	C ₈ H ₁₄ N ₄ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	182.22	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Loss On Drying	TGA	0.1057%
Assay		99.9%

Comment:

The calculation of the 100% 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: May 06, 2025

Date: May 06, 2025

Date: May 06, 2025

