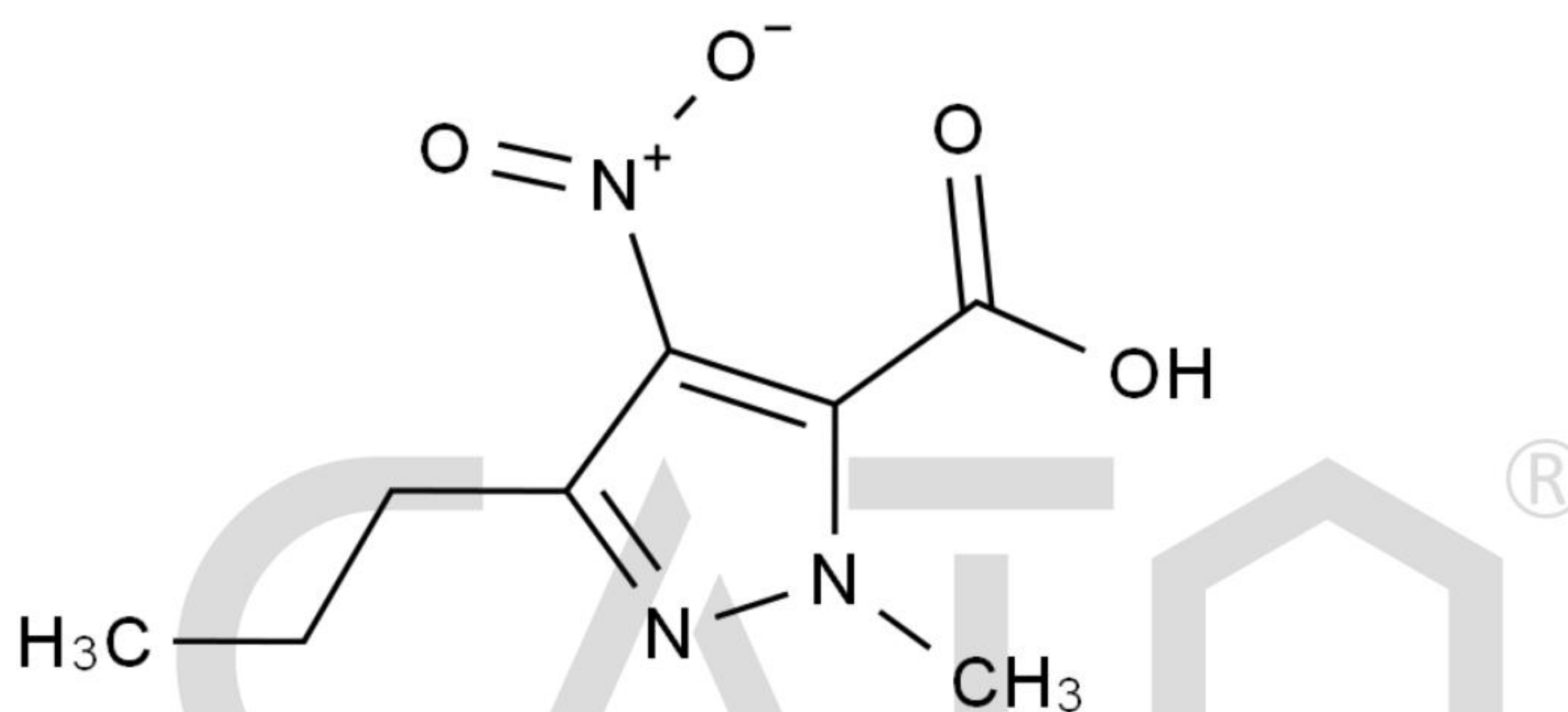


Certificate of Analysis

Reference Material & Standard

Product Name:	Sildenafil Impurity 36	Catalogue Number:	C4X-112836
Synonyms:	N/A	Lot Number:	1101-RF-0075
CAS Number:	139756-00-6	Expiry Date:	Nov 04, 2027
Molecular Formula:	C ₈ H ₁₁ N ₃ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	213.19		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	99.389%
Loss On Drying	TGA	0.3415%
Assay		99.0%

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: Nov 05, 2024

Date: Nov 05, 2024

Date: Nov 05, 2024

