CERTIFICATE OF ANALYSIS

(Certificate No. KMS002061-01)

Release Date: 10/04/2025 **Re-test Date:** 09/04/2028

SILDENAFIL AMIDE IMPURITY

Identification

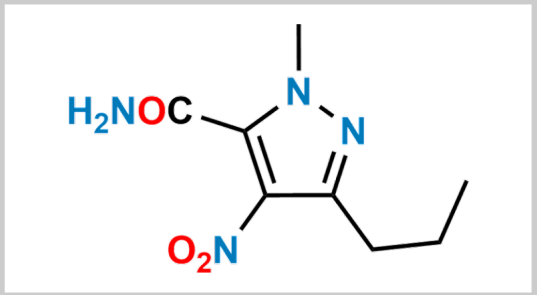
Chemical Name :
1-Methyl-4-nitro-3-n-propyl pyrazole-5-carboxamide

CAT No. : KMS002061

CAS No. : 139756-01-7

Molecular Formula : C8H12N4O3

Molecular Weight : 212.2



Analytical Information

Batch No. : S002061-091-318

Description : Off white solid

HPLC Purity : 99.97 %

Weight Loss By TGA : 0.09 %

% Potency : 99.88 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

1H NMR : Confirm

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 0.09(Weight Loss By TGA)] x [99.97(HPLC Purity)]/100 = 99.88 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		10/12/2025
Reviewed & Approved By	Quality Control	Jatin Patel		10/12/2025

Attachments : COA, HPLC, MASS, 1HNMR, IR and TGA