

Certificate of Analysis

Catalogue Number

KL-06-00279

Lot Number

KLP0062AJ01

Product Name

Vonoprazan Nitroso Impurity

Synonyms

N-((5-(2-fluorophenyl)-1-(pyridin-3-ylsulfonyl)-1H-pyrrol-3-yl)methyl)-N-methylnitrous amide

CAS Number

2932441-73-9

Molecular Formula

C₁₇H₁₅FN₄O₃S

Molecular Weight

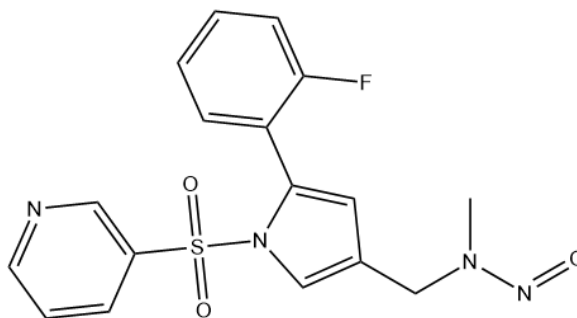
374.4 g/mol

Mfg. Date

16-10-2025

Re-Test Date

14-10-2028

Structure

Shipping Condition

All Product are stable to be shipped at room temperature, unless otherwise specified.

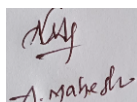
Long Term Storage Conditions

2°C ~ 8°C Protected from light and Sealed

Analytical Information

Test	Specifications	Results
Appearance	Pale Yellow Solid	Pale Yellow Solid
Solubility	Soluble in DMSO, Methanol	Conforms
Purity by HPLC	Not less than 90.00%	99.24%
Identification by ¹ HNMR	Conforms to structure	Complies
Identification by Mass	Conforms Molecular Weight	Complies
Identification by IR	Conform functional groups	Complies
Weight Content By TGA	Not specified	0.197%
Residue of Ignition By TGA	Not specified	0.000%
Potency	Not specified	99.04%

Prepared by



Reviewed & Approved by



Note: Use for research & analytical purpose only. Not for human consumption

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