



CERTIFICATE OF ANALYSIS

20 Martin Ross Avenue, North York, ON, M3J 2K8, CANADA
Tel: (416) 665-9696, Fax: (416) 665-4439
Email: orders.trc@lgcgroup.com Website: www.trc-canada.com

1. Identification

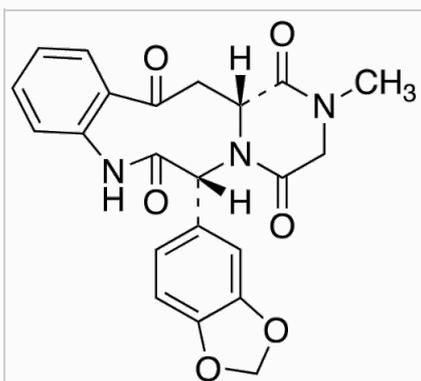
Catalogue Number: T004535

CAS Number: 1346605-38-6

Product: Tadalafil Ketolactam (>85%)

Synonym: (6R,14aR)-rel-6-(1,3-Benzodioxol-5-yl)-2,3,14,14a-tetrahydro-2-methylpyrazino[1,2-d][1,4]benzodiazonine-1,4,7,13(6H,8H)-tetrone; Tadalafil EP Impurity H;

Structure:



Molecular Formula:

C₂₂H₁₉N₃O₆

Molecular weight:

421.4

Source of Product:

Synthetic

Solubility:

Acetone (Slightly), Chloroform (Slightly), DMSO (Slightly)

Lot Number: 4-MIE-98-2

Purity: >85%

Shipping Condition: This Product Is Stable To Be Shipped With Blue Ice

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Pale Brown Solid	Pale Beige to Pale Brown Solid
Elemental Analysis	Conforms	%C: 60.09, %H: 4.93, %N: 8.97
MS	Conforms to Structure	Conforms
NMR	Conforms to Structure	Conforms

Additional Information: Contains: ~2.2% Dichloromethane, ~2.1% Pentanes

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Nicole Yip	Toni Rantanen	Chanell Chu	6/8/2021	6/6/2025