



CERTIFICATE OF ANALYSIS

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1. Identification

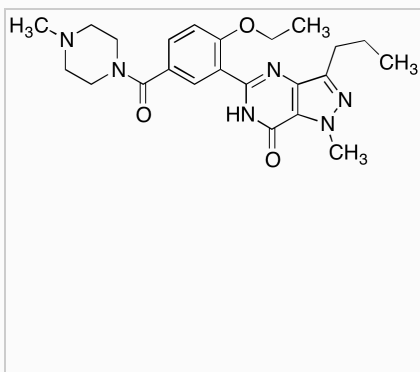
Catalogue Number: D292430

CAS Number: 147676-79-7

Product: Desmethyl Fondenafil

Synonym: 1-[3-(4,7-Dihydro-1-methyl-7-oxo-3-propyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl)-4-ethoxybenzoyl]-4-methylpiperazine; 1H-Pyrazolo[4,3-d]pyrimidine Piperazine Deriv.; 5-[2-Ethoxy-5-[(4-methyl-1-piperazinyl)carbonyl]phenyl]-1,6-dihydro-1-methyl-3-propyl-7H-pyrazolo[4,3-d]pyrimidin-7-one; 5-[2-Ethoxy-5-(4-methylpiperazinylcarbonyl)phenyl]-1-methyl-3-propyl-1,6-dihydro-7H-pyrazolo[4,3-d]pyrimidin-7-one; Desmethylcarbodenafil

Structure:



Molecular Formula:

C₂₃H₃₀N₆O₃

Molecular weight:

438.52

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly),
Methanol (Slightly)

Lot Number: 2-CGF-94-3

Purity: 97%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Pale Beige Solid	Pale Beige Solid
NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	96.98% (240 nm)
MS	Conforms to Structure	Conforms

Additional Information: N/A

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
Swathi Reddy	Toni Rantanen	Chanell Chu	12/3/2022	12/1/2026

