



CERTIFICATE OF ANALYSIS

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1. Identification

Catalogue Number: D230970

CAS Number: 161696-76-0

Product: N-Demethyl Olanzapine

Synonym: 2-methyl-4-(1-piperazinyl)-10H-Thieno[2,3-b][1,5]benzodiazepine; 4'-Desmethyloanzapine; Desmethyloanzapine; LY 170055; N-Demethyloanzapine

Structure:



Molecular Formula:

C₁₆H₁₈N₄S

Molecular weight:

298.41

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly),
Dichloromethane (Slightly),
DMSO (Slightly), Ethyl Acetat

Lot Number: 1-MS-1-4

Purity: 95%

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

Storage Condition: -20°C

2. Warning

Warning 1: Not Determined

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Yellow to Brown Solid	Very Dark Yellow to Brown Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 59.54, %H: 6.15, %N: 16.99
MS	Conforms to Structure	Conforms
Water Content	Report Result	3.9% based on Elemental Analysis
HPLC Purity	Report Result	96.88%

Additional Information: NA

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. 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
Eric Beaton	Neha Khanna	Clarissa Santos	3/27/2019	3/25/2029