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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Olanzapine EP Impurity B**

### Identification:

Chemical Name: 2-Methyl-5,10-dihydro-4H-thieno[2,3-b][1,5]benzodiazepin-4-one (as per EP)

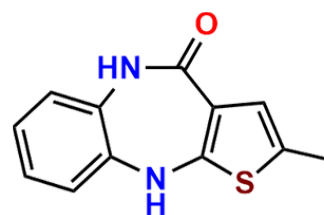
Synonyms: : Olanzapine USP Related  
Compound B ; Olanzapine Amide  
Impurity

CAS Number: : 221176-49-4

CAT Number: : CP-O1002

Molecular Formula: : C<sub>12</sub>H<sub>10</sub>N<sub>2</sub>O<sub>2</sub>S

Molecular Weight: : 230.29



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	<sup>1</sup> H NMR	Confirm to structure



Prepared and Reviewed By

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