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## CERTIFICATE OF ANALYSIS

Analysis Date:

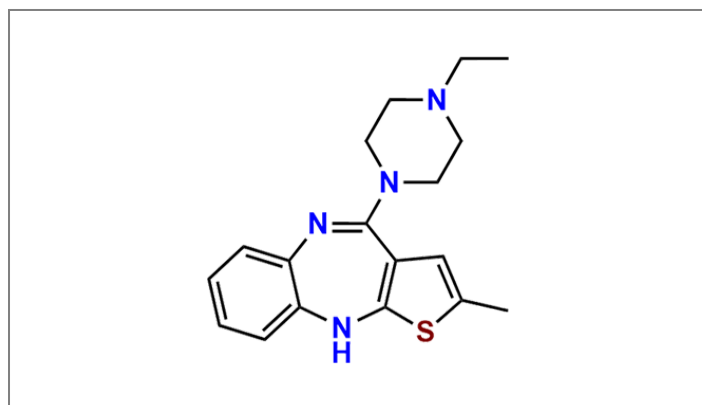
Re-test Date:

**Product Name: Olanzapine Impurity 16**

### Identification:

Chemical Name: 4-(4-Ethylpiperazin-1-yl)-2-methyl-10H-benzo[b]thieno[2,3-e][1,4]diazepine

Synonyms : NA  
CAS Number : 1797009-17-6  
CAT Number : CP-O1035  
Molecular Formula : C<sub>18</sub>H<sub>22</sub>N<sub>4</sub>S  
Molecular Weight : 326.46



### 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	>98%
5)	H1NMR	Confirm to structure



**Prepared and Reviewed By**



Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**



Ms Rohini Gagare  
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.