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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Buspirone EP Impurity F**

### Identification:

Chemical Name: 4-[4-(Pyrimidin-2-yl)piperazin-1-yl]butyl [1-[2-oxo-2-[[4-[4-(pyrimidin-2-yl)piperazin-1-yl]butyl]amino]ethyl]cyclopentyl]acetate (as per EP)

Synonyms : Buspirone Open Ring Dimer  
Impurity(USP)

CAS Number : 2512210-24-9

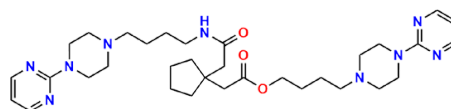
CAT Number : CP-B22006

Molecular Formula : C<sub>33</sub>H<sub>51</sub>N<sub>9</sub>O<sub>3</sub>

Molecular Weight : 621.82

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



### 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> HNMR	Confirm to structure



**Prepared and Reviewed By**



Ms Priyanka Salunkhe  
(Quality Control)

**Approved By**



Ms Rohini Gagare  
(Quality Assurance)

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