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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

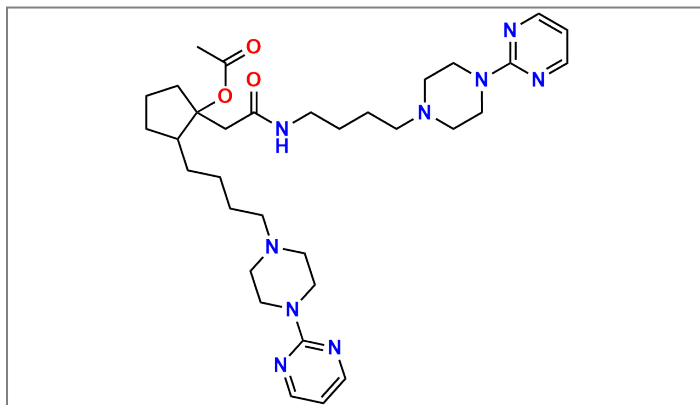
Synonyms: : Buspirone Open Ring Dimer  
Impurity(USP)

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



### Analytical Information:

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



Prepared and Reviewed By

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Approved By

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