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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Buspirone EP Impurity J**

**Identification:**

Chemical Name: 4-(7,9-Dioxo-8-azaspiro[4.5]dec-8-yl)butyl [1-[2-oxo-2-[[4-[4-(pyrimidin-2-yl)piperazin-1-yl]butyl]amino]ethyl]-cyclopentyl]acetate

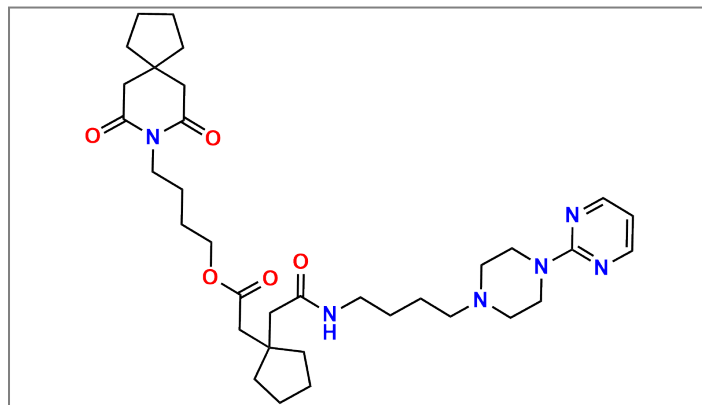
Synonyms: : Buspirone Open Ring Spirodimer  
Impurity (USP)

CAS Number: : 2726492-72-2

CAT Number: : CP-B22010

Molecular Formula: : C<sub>34</sub>H<sub>52</sub>N<sub>6</sub>O<sub>5</sub>

Molecular Weight: : 624.81



**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)	<sup>1</sup> H NMR	Confirm to structure



**Prepared and Reviewed By**



Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**



Ms Rohini Gagare  
(QA Head)