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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 (as per EP)

Synonyms : Buspirone Open Ring Spirodimer
Impurity (USP)

CAS Number : 2726492-72-2

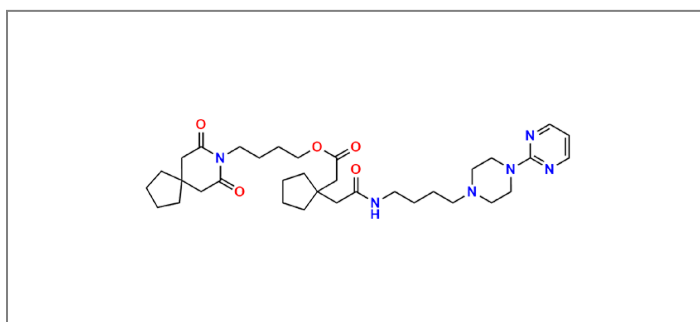
CAT Number : CP-B22010

Molecular Formula : C₃₄H₅₂N₆O₅

Molecular Weight : 624.81

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)	¹ HNMR	Confirm to structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	-
8)	Potency by TGA	-



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Quality Control)

Approved By

Mr. Abhijit Kale
(Quality Assurance)

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