

Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,  
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank  
Navi Mumbai 410208, MH, INDIA. Email- [info@chemicea.com](mailto:info@chemicea.com) Mob- +91 9284897978

## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Buspirone EP Impurity H**

### Identification:

Chemical Name: Bis[4-[4-(pyrimidin-2-yl)piperazin-1-yl]butyl] (cyclopentane-1,1-diyl)diacetate (as per EP)

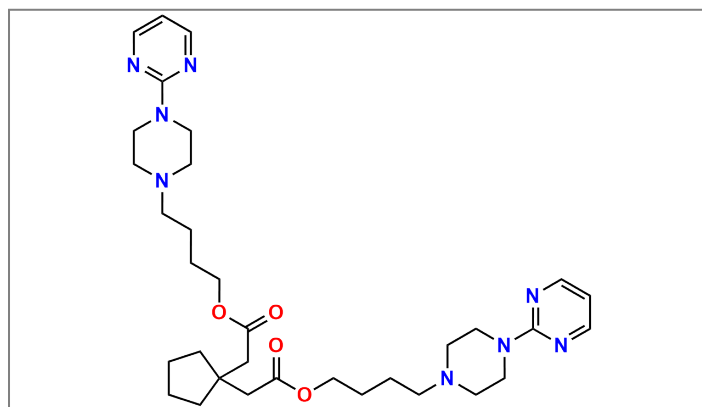
Synonyms: : Buspirone Diester Dimer (USP)

CAS Number: : 2708578-34-9

CAT Number: : CP-B22008

Molecular Formula: : C<sub>33</sub>H<sub>50</sub>N<sub>8</sub>O<sub>4</sub>

Molecular Weight: : 622.82



### 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)	<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)