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CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2026

Re-test Date: Mar 2029

Product Name: Buspirone EP Impurity D

Identification:

Chemical Name: 2,2'-[Oxybis[butane-1,4-diyl(piperazine-1,4-diyl)]]dipyrimidine (as per EP)

Synonyms : Buspirone Bispyrimidinyl
piperazinyl butyl Ether Impurity
(USP)

CAS Number : 2724726-67-2

CAT Number : CP-B22004

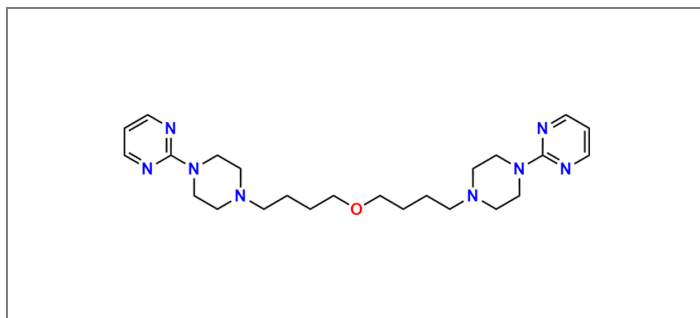
Molecular Formula : C₂₄H₃₈N₈O

Molecular Weight : 454.61

Batch Number : CP-BUS-D-0426

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 | White 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 |



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.