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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Riboflavin Sodium Phosphate EP Impurity A

Identification:

Chemical Name: (2R,3S,4S)-5-(7,8-Dimethyl-2,4-dioxo-3,4-dihydrobenzo[g]pteridin-10(2H)-yl)-1,4-dihydroxypentane-2,3-diyl bis(dihydrogen phosphate)

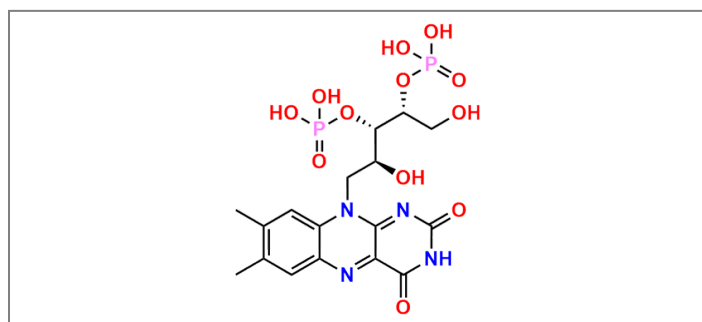
Synonyms : Riboflavin-3', 4'-Diphosphate

CAS Number : 86108-27-2

CAT Number : CP-R41014

Molecular Formula : C₁₇H₂₂N₄O₁₂P₂

Molecular Weight : 536.33



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) | H1NMR | Confirm to structure |



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

Ms Rohini Gagare
(QA Head)

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