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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Riboflavin Sodium Phosphate EP Impurity C**

### Identification:

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

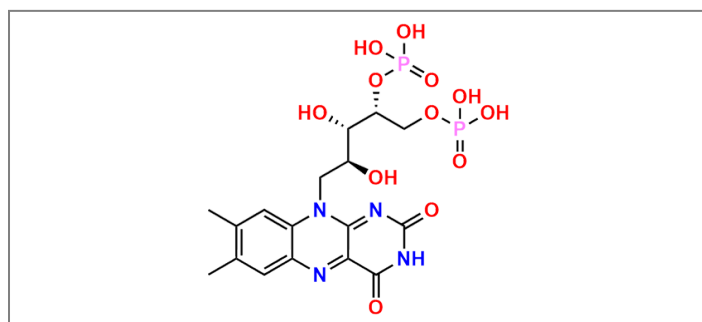
Synonyms : Riboflavin-4', 5'-Diphosphate

CAS Number : 86108-25-0

CAT Number : CP-R41012

Molecular Formula : C<sub>17</sub>H<sub>22</sub>N<sub>4</sub>O<sub>12</sub>P<sub>2</sub>

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.