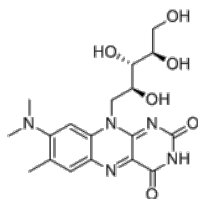


**Product Name** : Roseoflavin  
**Cat. No.** : PC-70093  
**CAS No.** : 51093-55-1  
**Batch No.** : PC-7009301  
**Chemical Name** : 8-(dimethylamino)-7-methyl-10-((2S,3S,4R)-2,3,4,5-tetrahydroxypentyl)benzo[g]pteridine-2,4(3H,10H)-dione

## PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Weight** : 405.4  
**Molecular Formula** : C<sub>18</sub>H<sub>23</sub>N<sub>5</sub>O<sub>6</sub>  
**Storage** : Powder -20°C 12 Months  
4°C 6 Months  
In solvent -80°C 6 Months  
-20°C 1 Month

**Chemical Structure** :



## ANALYTICAL DATA

**Appearance** : Solid powder  
**<sup>1</sup>H NMR Spectrum** : Consistent with  
**HPLC** : Consistent with  
**NP** : Consistent with  
**Purity (HPLC and/or LCMS)** : >98%  
**Conclusion** : The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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