

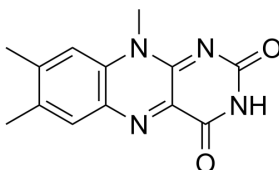
## Lumiflavin

Cat. No.: HY-121608  
CAS No.: 1088-56-8  
Batch No.: 463527  
Chemical Name: Benzo[g]pteridine-2,4(3H,10H)-dione, 7,8,10-trimethyl-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>13</sub>H<sub>12</sub>N<sub>4</sub>O<sub>2</sub>  
Molecular Weight: 256.26  
Storage: 4°C, protect from light  
\* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)

### Chemical Structure:



### ANALYTICAL DATA

Appearance: Light yellow to yellow (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
LCMS: Consistent with structure  
Purity (LCMS): 99.79%  
Conclusion: The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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