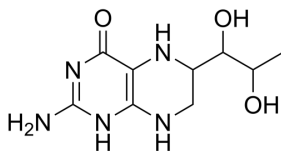


## Certificate of Analysis

**Product Name:** Tetrahydrobiopterin  
**Cat. No.:** CS-7811  
**CAS No.:** 17528-72-2  
**Batch No.:** 288393  
**Chemical Name:** 4(3H)-Pteridinone, 2-amino-6-(1,2-dihydroxypropyl)-5,6,7,8-tetrahydro-

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>9</sub>H<sub>15</sub>N<sub>5</sub>O<sub>3</sub>  
**Molecular Weight:** 241.25  
**Storage:** -20°C, protect from light, stored under nitrogen  
**Chemical Structure:**



### ANALYTICAL DATA

**Appearance:** White to off-white (Solid)  
**<sup>1</sup>H NMR Spectrum:** Consistent with structure  
**LCMS:** Consistent with structure  
**Purity (HPLC):** 98.02%  
**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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