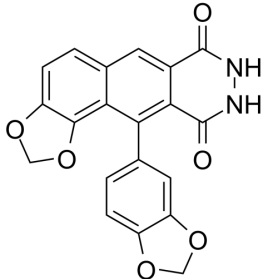


## Certificate of Analysis

<b>Product Name:</b>	Helioxanthin 8-1
<b>Cat. No.:</b>	CS-3198
<b>CAS No.:</b>	840529-13-7
<b>Batch No.:</b>	213126
<b>Chemical Name:</b>	1,3-Benzodioxolo[4,5-g]phthalazine-7,10-dione, 11-(1,3-benzodioxol-5-yl)-8,9-dihydro-

### PHYSICAL AND CHEMICAL PROPERTIES

<b>Molecular Formula:</b>	C <sub>20</sub> H <sub>12</sub> N <sub>2</sub> O <sub>6</sub>
<b>Molecular Weight:</b>	376.32
<b>Storage:</b>	Storage temp. 2-8°C
<b>Chemical Structure:</b>	



### ANALYTICAL DATA

<b>Appearance:</b>	Light yellow to yellow (Solid)
<b><sup>1</sup>H NMR Spectrum:</b>	Consistent with structure
<b>Purity (HPLC):</b>	98.58%
<b>Conclusion:</b>	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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