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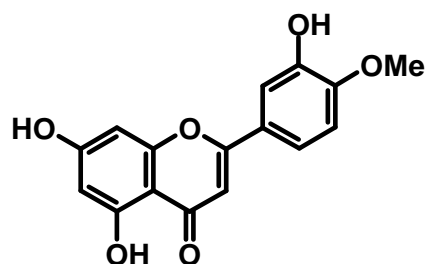
## Product Specifications

### Diosmetin

**CAS** 520-34-3

**Syn:** 5,7-Dihydroxy-2-(3-hydroxy-4-methoxyphenyl)-4H-1-benzopyran-4-one; 3',5,7-Trihydroxy-4'-methoxyflavone; Luteolin-4'-methyl Ether

**Structure:**



**Mol. Formula**  
**Source**

**C<sub>16</sub>H<sub>12</sub>O<sub>6</sub>**  
*Synthetic*

**Mol. Wt.**

300.27

<i>Test</i>	<i>Specification</i>
<b>Identity</b>	IR; HPLC
<b>Appearance</b>	Yellow to light green powder
<b>Mp</b>	258-262 °C [Lit.]
<b>Assay</b> (hplc)	> 95%
<b>LOD</b>	5% max.
<b>Ash</b> (residue on ignition)	2% max
<b>Heavy metals</b>	< 10 ppm
<b>As</b>	< 2 ppm
<b>Residual Solvent</b>	
Ethanol	< 1,000 ppm
<b>Pesticide Residue</b>	USP 25
<b><u>Microbiologicals</u></b>	
Total bacterial plate count	<100 cfu/g
Total yeasts and molds	<100 cfu/g
<i>Salmonella</i>	Negative
<i>E. Coliforms</i>	Negative

**Storage:** Maintain in cool, dry containment.