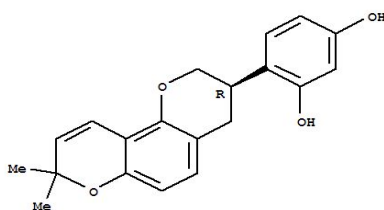




### Specification of Glabridin-40

<b>INCI Name:</b>	<b>Glabridin-40</b>
<b>Synonyms:</b>	<b>1,3-Benzenediol,4-(3,4-dihydro-8,8-dimethyl-2H,8H-benzo[1,2-b:3,4-b']di pyran-3-yl)-,</b>
<b>CAS No.:</b>	<b>59870-68-7</b>
<b>Molecular</b>	<b>C20H20O4</b>
<b>Molecular Weight:</b>	<b>324.37</b>

### Structural Formula:



**Solubility:** Glabridin-40 is a pale yellow powder. Insoluble in water, soluble in organic solvents, such as propylene glycol, etc.

<b>Property</b>	<b>Specification</b>
<b>Appearance:</b>	Red brown powder
<b>Odor:</b>	Characteristic
<b>Mesh</b>	80
<b>Solubility</b>	Soluble in Ethanol, Butylene-glycol
<b>Loss on drying</b>	Max. 5.0%
<b>Assay(HPLC)</b>	Min. 40%
<b>Arsenic, As</b>	Max. 1ppm
<b>Heavy Metals</b>	Max. 10ppm
<b>Bacteria Colonies</b>	Max. 1000/g
<b>Moulds Colonies</b>	Max. 100/g
<b>Yeast Colonies</b>	Max. 100/g
<b>E.Coli Colonies</b>	Negative
<b>Samonella Colonies</b>	Negative

**Usage:** Glabridin can penetrate inside the skin and maintain high activity and effective inhibition of melanin formation process of a



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variety of enzymes (such as the inhibition of tyrosinase) activity, is a fast, efficient, safe, green skin lightening cosmetic additives. At the same time Glabridin prevent rough skin and also has anti-inflammatory, antibacterial effect.

**Shelf Life:** 24months from the date of analysis in the original unopened container.

**Storage:** Store in cool, dry place, tightly sealed, light-resistant container, protect from moisture.

**Packing:**  
100g/bag