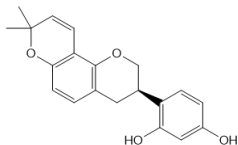


Product Information

Product Name	Glabridin
Chemical Name	Glabridin
INCI Name	GLABRIDIN
CAS Number	59870-68-7
EINECS Number	611-908-7
Molecular Weight	324.376
Molecular Formula	C ₂₀ H ₂₀ O ₄
Structural Formula	

Properties

Glabridin delivers significant functional benefits in cosmetics, personal- care and pharmaceutical fields, attributed to its outstanding antioxidant performance, tyrosinase-inhibiting activity, spot- fading brightening efficacy and high safety profile.

Technical Specifications

No.	Test Item	Specification	
		LSL	USL
1.	Appearance	Solid powder	
2.	Odor	Odorless	
3.	Vapor Pressure	0.0±1.4 mmHg at 25°C	
4.	Visual Color	Light yellow	
5.	pH Value (1% aqueous dispersion, 25°C)	Data not available	
6.	Melting Point Range, °C	154-155°C	

Applications

- Cosmetics: Functional active ingredient for brightening, spot fading, brightening and antioxidation

- Pharmaceuticals: Anti-inflammatory, antioxidant and skin-conditioning raw material
- High-end skincare products: For ameliorating dull complexion, post-acne marks and repairing sensitive skin

Product Efficacy

- Potent brightening effect, spot fading and melanogenesis inhibition
- Excellent antioxidant capacity, free-radical scavenging and skin aging retardation
- Anti-inflammatory soothing action for improving skin sensitivity and erythema
- Favourable chemical stability and good formulation compatibility
- Mild and low-irritation, suitable for diverse skin types
- Excellent synergistic performance when compounded with various skincare actives

Packaging: Available package sizes: 1 kg, 5 kg, 25 kg. Packaging material: Aluminium-foil bag combined with fibre drum / light-proof HDPE drum (hermetically sealed, light-shielding and moisture-proof).

Handling & Storage

Handling Conditions: Handle glabridin in well-ventilated environments. Use fume hoods, exhaust fans or equivalent equipment to promptly evacuate potential volatile vapours, reduce airborne substance concentration and prevent operator inhalation. Ensure ample space and unobstructed air circulation for large-scale indoor handling operations.

Storage Conditions: Store in cool, well-ventilated warehouses with ambient temperature kept below 25 ° C. Keep away from open flames and heat sources to avoid elevated vapour concentration induced by heat which may trigger safety hazards. Maintain dry storage conditions to prevent rusting and corrosion of packaging containers that could compromise product quality.