[ **Product Information** ]

**Name:** 6',7'-Dihydroxybergamottin  
**Catalog No.:** CFN98307  
**Cas No.:** 264234-05-1  
**Purity:** > 95%  
**M.F:** C_{21}H_{24}O_{6}  
**M.W:** 372.4  
**Physical Description:** Powder  
**Synonyms:**

[ **Intended Use** ]

1. Reference standards;  
2. Pharmacological research;  
3. Food research;  
4. Synthetic precursor compounds;  
5. Intermediates & Fine Chemicals;  
6. Others.

[ **Source** ]

The peels of *Citrus maxima*.

[ **Biological Activity or Inhibitors** ]
6',7'-Dihydroxybergamottin (DHB), a well-known inhibitor of CYP3A4, the inhibition of CYP3A4 activity by DHB includes the inhibition of POR activity, DHB can inhibit nifedipine oxidation in a concentration-dependent manner.[1]

[ Solvent ]
Chloroform, Dichloromethane, Ethyl Acetate, DMSO, Acetone, etc.

[ HPLC Method ][2]
Mobile phase: Methanol -H2O=75:25;
Flow rate: 1.0 ml/min;
Column temperature: 40℃;
The wave length of determination: 310 nm.

[ Storage ]
2-8℃, Protected from air and light, refrigerate or freeze.

[ References ]

[ Contact ]
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