[ **Product Information** ]

**Name:** Mulberroside F  
**Catalog No.:** CFN90794  
**Cas No.:** 193483-95-3  
**Purity:** >=98%  
**M.F:** C_{26}H_{30}O_{14}  
**M.W:** 566.5  
**Physical Description:** Powder  
**Synonyms:** 3-[6-(beta-D-Glucopyranosyloxy)-2-benzofuranyl]-5-hydroxyphenyl beta-D-glucopyranoside.

[ **Intended Use** ]

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

[ **Source** ]

The root barks of *Morus alba* L.
[ Biological Activity or Inhibitors]
Mulberroside F shows inhibitory effects on tyrosinase activity and on the melanin formation of melan-a cells, it also exhibits superoxide scavenging activity that is involved in the protection against auto-oxidation, suggests that mulberroside F may be used as a skin whitening agent.[1]

[ Solvent ]
Pyridine, Methanol, Ethanol, etc.

[ HPLC Method ][2]
Mobile phase: 0.4% Acetic acid in water- Acetonitrile,gradient elution ;
Flow rate: 1.0 ml/min;
Column temperature: Room Temperature;
The wave length of determination: 324 nm.

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

[ References ]

[ Contact ]
Address: Email: info@chemfaces.com
SS-3 Building, No. 111, Dongfeng Rd., Tel: +86-27-84237783
Wuhan Economic and Technological Development Zone, Fax: +86-27-84254680
Wuhan, Hubei 430056, Web: www.chemfaces.com
China Tech Support: service@chemfaces.com