[**Product Information**]

**Name:** Maltol  
**Catalog No.:** CFN97949  
**Cas No.:** 118-71-8  
**Purity:** >=98%  
**M.F:** C₆H₆O₃  
**M.W:** 126.1  

**Physical Description:** Powder  
**Synonyms:** 2-Hydroxy-3-methyl-4H-pyran-4-one; 2-Methyl pyromeconic acid; 2-Methyl-3-hydroxy-4-pyrone; 2-Methyl-3-oxy-gamma-pyrone.

[**Intended Use**]

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

[**Source**]

The herbs of *Phellinus igniarius*.
[ **Biological Activity or Inhibitors**]

Most hydroxyketones (including maltol), show relatively higher tumor-specific cytotoxicity.\(^1\)

Maltol, a food additive, is a strong enhancer of aluminum accumulation in serum, brain, and bone.\(^2\)

[ **Solvent** ]

Chloroform, Dichloromethane, Ethyl Acetate, DMSO, Acetone, etc.

[ **HPLC Method** ]\(^3\)

Mobile phase: 2% Acetic acid in water- 0.5% Acetic acid in acetonitrile, gradient elution;

Flow rate: 1.2 ml/min;

Column temperature: 40 °C;

The wavelength of determination: 274 nm.

[ **Storage** ]

2-8 °C, Protected from air and light, refrigerate or freeze.

[ **References** ]


[ **Contact** ]

**Address:**

S5-3 Building, No. 111, Dongfeng Rd.,
Wuhan Economic and Technological Development Zone,
Wuhan, Hubei 430056,
China

**Email:** info@chemfaces.com

**Tel:** +86-27-84237783

**Fax:** +86-27-84254680

**Web:** www.chemfaces.com

**Tech Support:** service@chemfaces.com