[ **Product Information** ]

**Name:** Ajugol

**Catalog No.:** CFN90759

**Cas No.:** 52949-83-4

**Purity:** >= 98%

**M.F:** C_{15}H_{24}O_{9}

**M.W:** 348.35

**Physical Description:** Powder

**Synonyms:** [(1S)-1,4aα,5,6,7,7aα-Hexahydro-5α,7α-dihydroxy-7-Methylcyclopenta[c]pyran-1-yl] β-D-glucopyranoside; beta-D-Glucopyranoside(1S,4aR,5R,7S,7aS)-1,4a,5,6,7,7a-hexahydro-5,7-dihydroxy-7-methylcyclopenta[c]pyran-1-yl.

[ **Intended Use** ]

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

[ **Source** ]

The roots of *Rehmannia glutinosa.*
**[Biological Activity or Inhibitors]**

Ajugol shows some trypanocidal potential against *Trypanosoma brucei rhodesiense* (IC50 values 29.3-73.0 ug/ml).[1]

**[Solvent]**

Pyridine, Methanol, Ethanol, etc.

**[HPLC Method]**[2]

Mobile phase: Acetonitrile - H2O, gradient elution;
Flow rate: 0.3 ml/min;
Column temperature: Room Temperature;
The wavelength of determination: 205 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