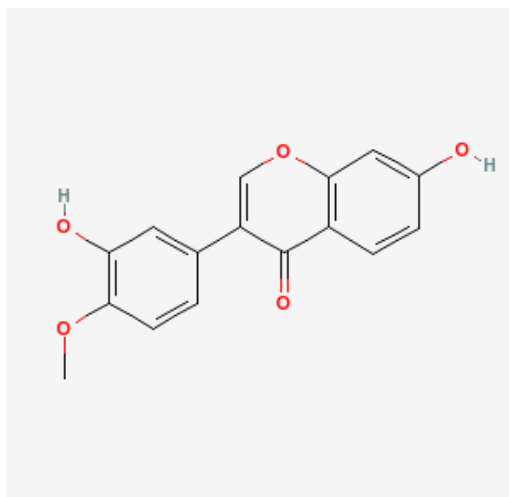


**Product ID:** PCM-AM-005  
**Marker For:** *Astragalus membranaceus (Fisch.) Bunge*  
**Name:** Calycosin  
**CAS Number:** 20575-57-9

**Structure:**

**Molecular Formula:**  $C_{16}H_{12}O_5$   
**Molecular Weight:** 284.26348 [g/mol]  
**Melting Point:** 227-228°C  
**Solubility:** Respectively soluble in Chloroform, Alcohol, Methanol, Acetone. Insoluble in Water.  
**Character:** Colorless Crystalline Powder

**Storage Condition:**

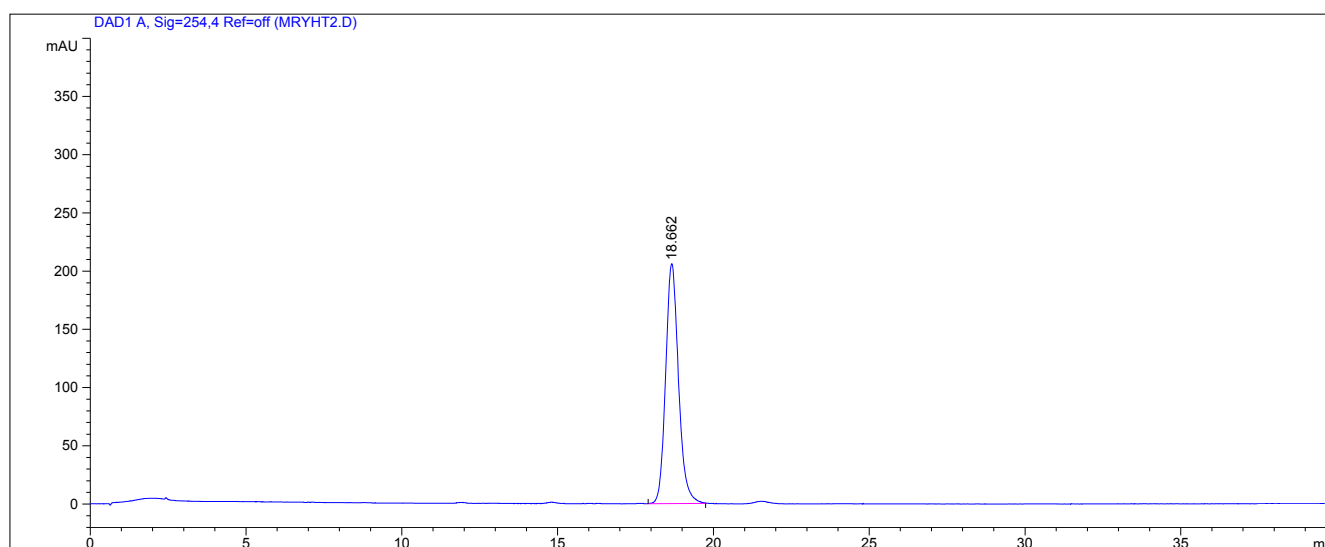
**Package:** Brown glass bottle  
**Storage:** 5°C with good seal. Vacuum drying with P2O5 for 12 hours before using.

**Analytical Results:**

Test	Specification	Result
HPLC	NA	98.68%
Mass Spectrum	Conforms	Conform

**Analysis Conditions:**

Instrument:	Agilent 1100 Series LC
Column:	Agilent C-18 250*4.6mm 5 $\mu$
Column Temperature:	30°C
Mobile Phase:	Acetonitrile – 0.04% Phosphoric Acid 25-75
Flow Rate:	1.0ml/min
Detection:	254nm

**HPLC Chromatogram of Calycosin:****Phytomarker Ltd.****Tel/fax: +86-22-26358246****Address:** Rm601-4-20, Tiantai Road, Hebei District, Tianjin, 300230, China**Website:** [www.phytomarker.com](http://www.phytomarker.com)