# Certificate of Analysis

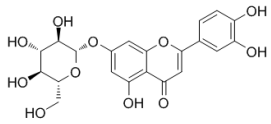
**Product Name:** Cynaroside
**Cat. No.:** HY-N0540
**CAS No.:** 5373-11-5
**Batch No.:** 21108
**Chemical Name:** 4H-1-Benzopyran-4-one, 2-(3,4-dihydroxyphenyl)-7-(β-D-glucopyranosyloxy)-5-hydroxy-

## PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** $C_{21}H_{20}O_{11}$
**Molecular Weight:** 448.38
**Storage:**

| | | |
|---|---|---|
| Powder | -20°C | 3 years |
| | 4°C | 2 years |
| In solvent | -80°C | 6 months |
| | -20°C | 1 month |

**Chemical Structure:**



## ANALYTICAL DATA

**Appearance:** Light yellow to yellow (Solid)
**$^1$H NMR Spectrum:** Consistent with structure
**LCMS:** Consistent with structure
**Purity (LCMS):** >98.0%
**Conclusion:** The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA