# MedChemExpress

## Certificate of Analysis

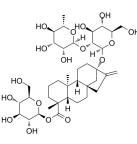
### **Dulcoside** A

| Cat. No.:      | HY-N6992   |
|----------------|--|
| CAS No.:       | 64432-06-0   |
| Batch No.:     | 243585   |
| Chemical Name: | Kaur-16-en-18-oic acid, 13-[[2-O-(6-deoxy-α-L-mannopyranosyl)-β-D-glucopyranosyl]oxy]-, β-D- |
|                | glucopyranosyl ester, (4α)-  |

#### PHYSICAL AND CHEMICAL PROPERTIES

| Molecular Formula: | C <sub>38</sub> H <sub>60</sub> O <sub>17</sub>                     |
|--------------------|---|
| Molecular Weight:  | 788.87  |
| Storage:           | 4°C, protect from light   |
|                    | * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light) |

#### **Chemical Structure:**



#### ANALYTICAL DATA

| Appearance:                  | White to off-white (Solid)  |
|------------------------------|---|
| <sup>1</sup> H NMR Spectrum: | Consistent with structure   |
| Purity (HPLC):               | 99.34%  |
| 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

5909 E-ma

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA