# MCE ® MedChemExpress

# **Certificate of Analysis**

## **Protodioscin**

 Cat. No.:
 HY-N0799

 CAS No.:
 55056-80-9

 Batch No.:
 238379

Chemical Name: β-D-Glucopyranoside, (3β,22α,25R)-26-(β-D-glucopyranosyloxy)-22-hydroxyfurost-5-en-3-yl O-6-

deoxy- $\alpha$ -L-mannopyranosyl- $(1\rightarrow 2)$ -O-[6-deoxy- $\alpha$ -L-mannopyranosyl- $(1\rightarrow 4)$ ]-

#### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{51}H_{84}O_{22}$  Molecular Weight: 1049.20

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 2 years

-20°C 1 year

**Chemical Structure:** 

HO OH HO OH HO OH HO OH

### **ANALYTICAL DATA**

Appearance: White to off-white (Solid)

<sup>1</sup> H NMR Spectrum: Consistent with structure

MS: Consistent with structure

Purity (HPLC): 99.64%

**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