# RedChemExpress

## Certificate of Analysis

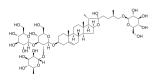
### Protogracillin

Cat. No.:	HY-N4271
CAS No.:	54848-30-5
Batch No.:	283090
Chemical Name:	β-D-Glucopyranoside, (3β,22α,25R)-26-(β-D-glucopyranosyloxy)-22-hydroxyfurost-5-en-3-yl O-6-
	deoxy-α-L-mannopyranosyl-(1→2)-O-[β-D-glucopyranosyl-(1→3)]-

#### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C <sub>51</sub> H <sub>84</sub> O <sub>23</sub>
Molecular Weight:	1065.20
Storage:	4°C, sealed storage, away from moisture and light
	* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and
	light)

#### **Chemical Structure:**



#### ANALYTICAL DATA

Appearance:	Off-white to light yellow (Solid)
<sup>1</sup> H NMR Spectrum:	Consistent with structure
Purity (HPLC):	99.70%
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.

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