Certificate of Analysis

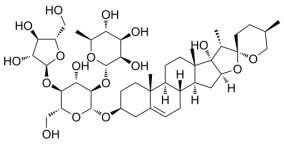
Polyphyllin H

Cat. No.:	HY-N2382
CAS No.:	81917-50-2
Batch No.:	283088
Chemical Name:	β-D-Glucopyranoside, (3β,25R)-17-hydroxyspirost-5-en-3-yl O-α-L-arabinofuranosyl-(1→4)-O-[6-deoxy-α-L-mannopyranosyl-(1→2)]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{44}H_{70}O_{17}$		
Molecular Weight:	**871.02**		
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:	White to off-white (Solid)
^{1}H NMR Spectrum:	Consistent with structure
Purity (HPLC):	**98.65%**
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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