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Certificate of Analysis

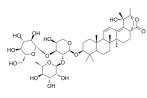
Kudinoside D

Cat. No.:	HY-N4253	
CAS No.:	173792-61-5	
Batch No.:	84670	
Chemical Name:	Ursa-11,13(18)-dien-28-oic acid, 3-[(O-6-deoxy-α-L-mannopyranosyl-(1→2)-O-[β-D-glucopyranos	
	yl-(1→3)]-α-L-arabinopyranosyl)oxy]-19,20-dihydroxy-, δ-lactone, (3β)-	

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C ₄₇ H ₇₂ O ₁₇
Molecular Weight:	909.06
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)
¹ H NMR Spectrum:	Consistent with structure
Purity (HPLC):	99.46%
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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