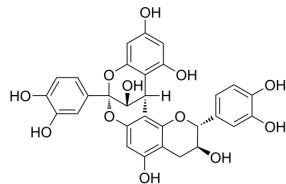


Certificate of Analysis

Product Name:	Procyanidin A1
Cat. No.:	CS-0021306
CAS No.:	103883-03-0
Batch No.:	46851
Chemical Name:	8,14-Methano-2H,14H-1-benzopyrano[7,8-d][1,3]benzodioxocin-3,5,11,13,15-pentol, 2,8-bis(3,4-dihydroxyphenyl)-3,4-dihydro-, (2R,3S,8S,14R,15R)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C ₃₀ H ₂₄ O ₁₂
Molecular Weight:	576.50
Storage:	2-8°C, protect from light
Chemical Structure:	



ANALYTICAL DATA

Appearance:	White to off-white (Solid)
¹H NMR Spectrum:	Consistent with structure
MS:	Consistent with structure
Purity (HPLC):	99.19%
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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