

7 α ,24S,27-trihydroxycholesterol
(25S)-cholest-5-en-7 α ,3 β ,24S,27-tetraol
700129P-1mg
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Molecular Weight	434.652
Chemical Formula	C ₂₇ H ₄₆ O ₄
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5198PGB010
Avanti Lot Number	700129P-1MG-B-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter.	Pass
TLC (9:1 Chloroform: Water)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	All Pass
HPLC-ELSD	NLT 99% (AUC)	100% AUC
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+NH ₄] ⁺ = 452.652 \pm 1 amu	[M+NH ₄] ⁺ = 452.4 amu

Approved by:

