

Ent-25-hydroxycholesterol

Ent-25-hydroxycholesterol (unnatural enantiomer)

700106P-1MG**Page 1 of 1**

Molecular Weight 402.66
Chemical Formula C₂₇H₄₆O₂
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 7000PGA010
Avanti Lot Number 700106P-1MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+NH ₄] ⁺ = 420.66 ± 1 amu	[M+H] ⁺ = 420.30 amu
HPLC-ELSD	NLT 99% (AUC)	100% (AUC)

Approved By: 

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