

Chenodeoxycholic acid-d4

5 β -cholanolic acid-3 α ,7 α -diol (2,2,4,4-d4)

330259P-5mg

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Molecular Weight 396.60
Chemical Formula C₂₄H₃₆D₄O₄
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 6900PHC010
Avanti Lot Number 330259P-5MG-C-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (9:1 Chloroform: Methanol)	>99% Purity Ninhydrin spray: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	>99% Purity Ninhydrin spray: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Carbon NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-H] ⁻ = 395.60 \pm 1 amu	[M-H] ⁻ = 395.7 amu
Isotopic Purity by Mass Spec	Run and Report	99.5%

Approved By:



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