

Chenodeoxycholic acid-d4, (2,2,4,4-d4)

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

330259W-100ug

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Molecular Weight 396.60
Chemical Formula C₂₄H₃₆D₄O₄
Physical State Methanol
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 6900WDA010
Avanti Lot Number 330259W-100UG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Methanol: Clear solution 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	All Pass
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 ± 1 amu	[M-H] ⁻ = 395.3 amu
Isotopic Purity by Mass Spec	Run and Report	99.5%

Approved By:



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