

Glycochenodeoxycholic acid-d4

 5 β -cholanic acid-3 α ,7 α -diol N-(carboxymethyl)-amide-d4

330273W-100ug

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Molecular Weight	453.66
Chemical Formula	C ₂₆ H ₃₉ D ₄ NO ₅
Physical State	Methanol
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6910WDA010
Avanti Lot Number	330273W-100UG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Methanol: Clear, colorless solution which contains no foreign matter	Pass
TLC (7:3 Chloroform: Methanol)	>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
Carbon NMR	NMR spectrum consistent with structure	Consistent with structure
Concentration by Quantitative Proton NMR	Run and Report	83.2 μ g/mL
Mass Spectroscopy	[M-H] ⁻ = 452.66 \pm 1 amu	[M-H] ⁻ = 452.5 amu
Isotopic Purity by Mass Spec	Run and Report	99.5% purity

Approved By:



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