

## Taurocholic acid-d4, sodium salt

5β-cholanic acid-3α,7α,12α-triol N-(2-sulphoethyl)-amide-d4, sodium salt

330278P-1mg

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**Molecular Weight** 541.71  
**Chemical Formula** C<sub>26</sub>H<sub>40</sub>D<sub>4</sub>NNaO<sub>7</sub>S  
**Physical State** Powder  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 6908PGA010  
**Avanti Lot Number** 330278P-1MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> 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
Carbon NMR	NMR spectrum consistent with structure	Consistent with structure
Concentration of Quantitative Proton NMR	Run and Report	119.3 µg/mL
Mass Spectroscopy	[M-Na] <sup>+</sup> = 518.71 ± 1 amu	[M-Na] <sup>+</sup> = 518.32 amu
Isotopic Purity by Mass Spec	Run and Report	99.7% purity No d5 detected

*Melissa Bolin*

Approved By:

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