

**7-ketolithocholic acid**5 $\beta$ -cholanoic acid-3 $\alpha$ -ol-7-one

700238P-10mg

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**Molecular Weight** 390.56  
**Chemical Formula** C<sub>24</sub>H<sub>38</sub>O<sub>4</sub>  
**Physical State** Powder  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 6708PIC010  
**Avanti Lot Number** 700238P-10MG-C-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White solid which contains no foreign matter	Pass
TLC (9:1 Chloroform: Methanol)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	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] <sup>-</sup> = 389.56 $\pm$ 1 amu	[M-H] <sup>-</sup> = 389.5 amu

Approved By:

*Meredit Bayood*

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