

**6,7-diketolithocholic acid**

**5 $\beta$ -cholanolic acid-3 $\alpha$ -ol-6,7-dione**

**700234P-1mg**

**Page 1 of 1**

<b>Molecular Weight</b>	404.55
<b>Chemical Formula</b>	C <sub>24</sub> H <sub>36</sub> O <sub>5</sub>
<b>Physical State</b>	Powder
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	6849PGC010
<b>Avanti Lot Number</b>	700234P-1MG-C-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White solid which contains no foreign matter	Pass
TLC (95:5 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] <sup>-</sup> = 403.55 $\pm$ 1 amu	[M-H] <sup>-</sup> = 403.4 amu

Approved By: *Anderson Thomas*

For Research Use Only. Not For Human Use.