

**3-oxocholic acid**

 5 $\beta$ -cholanoic acid-7 $\alpha$ ,12 $\alpha$ -diol-3-one

**700237P-10mg**

Page 1 of 1

<b>Molecular Weight</b>	406.56
<b>Chemical Formula</b>	C <sub>29</sub> H <sub>38</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>	6759PIB010
<b>Avanti Lot Number</b>	700237P-10MG-B-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 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> = 405.56 $\pm$ 1 amu	[M-H] <sup>-</sup> = 405.2 amu

 Approved By: *Meredith Baygood*

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