

**α-Muricholic acid**

5β-cholanic acid-3α,6β,7α-triol

700232P-1mg

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**Molecular Weight** 408.58  
**Chemical Formula** C<sub>24</sub>H<sub>40</sub>O<sub>5</sub>  
**Physical State** Powder  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 6757PGC010  
**Avanti Lot Number** 700232P-1MG-C-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White solid which contains no foreign matter	Pass
TLC (85:15 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> = 407.58 ± 1 amu	[M-H] <sup>-</sup> = 407.4 amu

Approved By:

*Meredit Bayood*

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