

**7 $\alpha$ -hydroxy-3-oxo-4-cholestenoic acid**  
(25R)-cholest-4-en-26-oic acid, 7 $\alpha$ -hydroxy-3-oxo

**700027P-1mg**

**Page 1 of 1**

**Molecular Weight** 430.620  
**Chemical Formula** C<sub>27</sub>H<sub>42</sub>O<sub>4</sub>  
**Physical State** Powder  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 5113PGD011  
**Avanti Lot Number** 700027P-1MG-D-011

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	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-H] <sup>-</sup> = 429.620 ± 1 amu	[M-H] <sup>-</sup> = 429.8 amu

Approved By:

*Meredith Bayood*

For Research Use Only. Not For Human Use.