

**Tauro- $\beta$ -muricholic acid, sodium salt**5 $\beta$ -cholanolic acid-3 $\alpha$ ,6 $\beta$ ,7 $\beta$ -triol N-(2-sulphoethyl)-amide, sodium salt**700244P-1mg****Page 1 of 1**

**Molecular Weight** 537.69  
**Chemical Formula** C<sub>26</sub>H<sub>44</sub>NNaO<sub>7</sub>S  
**Physical State** Powder  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 6871PGB010  
**Avanti Lot Number** 700244P-1MG-B-010

| ANALYSIS             | SPECIFICATION                                                                                                                                 | RESULTS                        |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| Physical Examination | <b>Powder:</b> White solid which contains no foreign matter                                                                                   | Pass                           |
| TLC                  | >99% Purity<br>Ninhydrin spray: negative<br>Iodine: one major spot<br>Phosphorus: negative<br>Charring: positive<br>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-Na] <sup>+</sup> = 514.69 $\pm$ 1 amu                                                                                                      | [M-H] <sup>+</sup> = 514.8 amu |

Approved By:



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**18:1 Cy7 PE**

**1,2-dioleoyl-sn-glycero-3-phosphoethanolamine-N-(Cyanine 7)**

**810337C-1mg**

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