

stigmasterol

stigmasta-5,22-dien-3-ol

700062P-5mg

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**Molecular Weight** 412.691  
**Chemical Formula** C<sub>29</sub>H<sub>48</sub>O  
**Physical State** Powder  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 5144PHG012  
**Avanti Lot Number** 700062P-5MG-G-012

| ANALYSIS                           | SPECIFICATION   | RESULTS                                       |
|------------------------------------|---|---|
| Physical Examination               | <b>Powder:</b> White solid which contains no foreign matter   | Pass  |
| TLC<br>(2:1 Hexane: Ethyl Acetate) | >99% Purity<br>Ninhydrin: 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                     |
| Mass Spectroscopy                  | [M+NH <sub>4</sub> ] <sup>+</sup> = 430.691 ± 1 amu   | [M+NH <sub>4</sub> ] <sup>+</sup> = 430.7 amu |

Approved by:



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