

PHAD[®]-504

Monophosphoryl Lipid A-504


699810P-5mg

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Molecular Weight 1735.42
Chemical Formula C₉₄H₁₈₀ N₃O₂₂P
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5087PHC010
Avanti Lot Number 699810P-5MG-C-010

| ANALYSIS | SPECIFICATION | RESULTS |
|----------------------|---|--|
| Physical examination | Powder: White solid which contains no foreign matter. | Pass |
| TLC | >99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot | All Pass |
| HPLC-ELSD | NLT 99% (AUC) | 100% (AUC) |
| Proton NMR | NMR spectrum consistent with structure | Consistent with structure |
| Phosphorus NMR | NMR spectrum consistent with structure | Consistent with structure |
| Mass Spectroscopy | [M-NH ₄] ⁺ = 1717.42 ± 1 amu | [M-NH ₄] ⁺ = 1717.8 amu |

Approved by:



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