

## Azo Lyso PA

1-(E)-4-(4-((4-butylphenyl)diazenyl)phenyl)butanoyl]-2-hydroxy-sn-glycerol-3-phosphate (ammonium salt)

870626P-5mg

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**Molecular Weight** 494.51  
**Chemical Formula**  $C_{23}H_{33}N_3O_7P^-$   
**Physical State** Powder  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 6727PHA010  
**Avanti Lot Number** 870626P-5MG-A-010

| ANALYSIS             | SPECIFICATION                                                                                                                                 | RESULTS                   |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| Physical Examination | <b>Powder:</b> Yellow solid which contains no foreign matter                                                                                  | Pass                      |
| TLC                  | >99% Purity<br>Ninhydrin spray: negative<br>Iodine: one major spot<br>Phosphorus: positive<br>Charring: negative<br>Water dip: one major spot | All Pass                  |
| Proton NMR           | NMR spectrum consistent with structure                                                                                                        | Consistent with structure |
| Mass Spectroscopy    | $[M-NH_4]^+ = 476.51 \pm 1$ amu                                                                                                               | $[M-NH_4]^+ = 477.4$ amu  |

Approved By:



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