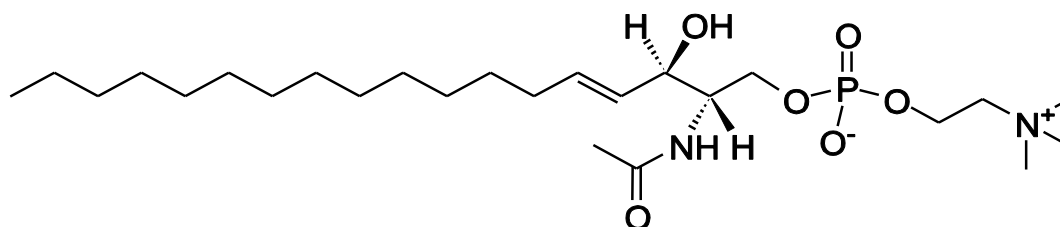


Research Certificate of Analysis

02:0 SM (d18:1/2:0)

N-acetyl-D-erythro-sphingosylphosphorylcholine

Molecular Weight: 506.656
 Molecular Formula: C₂₅H₅₁N₂O₆P
 Storage: -20°C
 Shelf Life (Unopened): 6 Months
 Physical Form: Powder
 Lot Number: 20SM-13



Product Specifications

Test	Limits	Results
Mass Spec	Consistent with Structure	Consistent with Structure
Proton NMR	Consistent with Structure	Consistent with Structure
TLC Analysis	>99%	>99%
Ninhydrin	Positive	Positive
Iodine	One Spot	One Spot
Phosphorus	Positive	Positive
Char	Positive	Positive

Signed: Electronically Signed By QC
Release Date: March 9, 2009