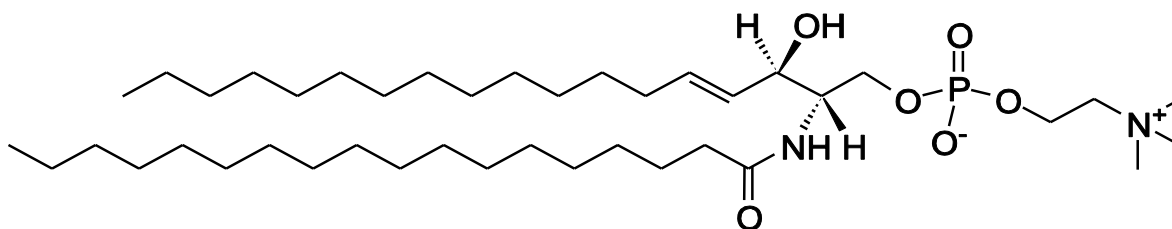


Brain SM
Sphingomyelin (Brain, Porcine)

Molecular Weight: Average: 760.223
Molecular Formula: C₄₁H₈₃N₂O₆P
Storage: -20°C
Shelf Life (Unopened): 2 Year
Physical Form: Powder
Lot Number: BSM-120



Structure of predominant species

Product Specifications

Test	Limits	Results
GC-FAME (AUC)	Run and Report	Consistent
Mass Spec	Consistent with Structure	Consistent with Structure
UV/VIS Oxidation	Run and Report	234nm = 0.17% 268nm = 0.07% 278nm = 0.07%
TLC Analysis	>99%	>99%
Ninhydrin	Negative	Negative
Iodine	One Spot	One Spot
Phosphorus	Positive	Positive
Char	Positive	Positive

Signed: Electronically Signed By QC
Release Date: January 22, 2014