C20-Dihydrosphingomyelin

Cat. No.: **SN-M-LM2219**

Chemical Properties

Product Name	C20-Dihydrosphingomyelin
Full Name	[(2S,3R)-3-hydroxy-2-(icosanoylamino)octadecyl] 2-(trimethylazaniumyl)ethyl phosphate
Cat. No.	SN-M-LM2219
CAS No.	917104-47-3
Molecular Formula	C43H89N2O6P
Molecular Weight	761.17
Storage	Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Shipping	Shipping with blue ice/Shipping at ambient temperature.
Purity	98+%

Structure

[Product Image]

Biological Description

C20-Dihydrosphingomyelin (C20-DHSM; DHSM (d18:0/20:0)) is a saturated form of sphingomyelin. It is a minor component of most cellular sphingolipids, and its levels significantly decrease after Ramadan intermittent fasting (RIF). C20-Dihydrosphingomyelin can be used for developing liposome agents.

Related Products / Keywords

- C20-Dihydrosphingomyelin

This product is a research reagent and must not be used for clinical validation or human therapeutic use.