Creative Enzymes®

Sphingomyelin from chicken egg

Cat. No. NATZ-122

Lot. No. (See product label)

Introduction

Description	Sphingomyelins (SMs) are bioactive sphingolipids found in mammalian cell membranes. They interact with cholesterol to control its distribution within cellular membranes and maintain cholesterol homeostasis in cells. SMs undergo hydrolysis by sphingomyelinase to form ceramides, which are sphingolipid mediators of intracellular signaling.

Product Information

Source	chicken egg
Form	A solid
CAS No.	383907-87-7
Molecular Formula	C39H79N2O6P (for palmitoyl)
Molecular Weight	703
Purity	95.00%
Solubility	Chloroform: Soluble Ethanol: Warmed Methanol: Soluble

Storage and Shipping Information

Storage	-20°C