

Ceramide from bovine spinal cord

Cat. No. NATZ-123

Lot. No. (See product label)

Introduction

Description Ceramides are generated from sphingomyelin through activation of

sphingomyelinases or through the de novo synthesis pathway, which requires the coordinated action of serine palmitoyl transferase and ceramide synthase. They have been shown to mediate antiproliferative responses such as apoptosis, growth arrest, differentiation, and senescence. This product contains ceramide molecular species with primarily 2-hydroxy C24:0 and 2-hydroxy C18:0 fatty acyl chains.

Product Information

Source Bovine spinal cord

Form A solid

Molecular Formula C36H71NO4 (for 2-hydroxy stearoyl)

Molecular Weight 582

Purity 0.98

Solubility Chloroform:Methanol (2:1): Soluble Methanol: Soluble

Storage and Shipping Information

Storage -20°C

Tel: 1-631-562-8517 1-516-512-3133 **Email:** info@creative-enzymes.com

1/1