N-Octadecanoyl-D₃-D-erythro-dihydrosphingosine

- Catalog #: 2202
- Scientific Name: N-Octadecanoyl-D₃-D-erythro-dihydrosphingosine
- Common Name: N-C18:0-D₃-D-erythro-Ceramide; N-Stearoyl-D₃-D-erythro-sphingosine
- Empirical Formula: C₃₆H₇₀D₃NO₃
- SDS View Safety Data Sheet
- Data Sheet: View Data Sheet
- Formula Weight: 571
- Unit: 1 mg
- Solvent: none
- Source: synthetic
- Purity: 98+%  
- Analytical Methods: TLC, GC, HPLC, identity confirmed by MS
- Solubility: hot ethanol, DMF, DMSO, chloroform/methanol 2:1
- Physical Appearance: solid
- Storage: -20°C
- Dry Ice: No
- Hazardous: No

Literature References:
5. W. Zheng “Fenretinide increases dihydroceramide and dihydrosphingolipids due to inhibition of dihydroceramide desaturase” Georgia Institute of Technology, 2006