

PRODUCT: D-erythro-Sphingosine**ALTERNATE NAME:** *trans*-D-erythro-2-Amino-4-octadecene-1,3-diol; 1,3(R)-Dihydroxy-2(S)-amino-4-*trans*-octadecene**CATALOG #:** 2425-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₈H₃₇NO₂**MOLECULAR WEIGHT:** 299.49**CAS NUMBER:** 123-78-4**APPEARANCE:** Off-white solid**SOLUBILITY:** DMSO (~25 mg/ml) or EtOH (~ 25 mg/ml)**PURITY:** ≥98% by TLC**STORAGE:** At -20°C. Protect from light and air**DESCRIPTION:** An endogenous component of cell membranes found in a large family of sphingolipids. Inhibits protein kinase C (PKC).**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**C2 Ceramide (**Cat. No. 2390-5, 25**)Phytosphingosine (**Cat. No. 2426-50, 250**)Sphingosine Kinase Inhibitor, SKI-I (**Cat. No. 2046-5, 25**)Sphingosine Kinase Inhibitor, SKI-II (**Cat. No. 2047-5, 25**)Sphingosine Kinase 1 Antibody (**Cat. No. 3883-100**)Sphingosine Kinase 2 Antibody (**Cat. No. 3884-100**)D-erythro-Sphingosine (**Cat. No. 2425-5, 25**)PhosphoSeek™ Sphingosine Kinase Assay kit (**Cat. No. K708-400**)**USAGE:** **FOR RESEARCH CH USE ONLY! Not to be used in humans**