

(2R,3R,E)-2-Amino-3-hydroxyoctadec-4-en-1-yl dimethyl Phosphate-13C2,D2

Art. ID TRC-A635158-5MG
Unit 5 mg
Deliverydetails to be checked

Description

Application Note: (2R,3R,E)-2-Amino-3-hydroxyoctadec-4-en-1-yl dimethyl Phosphate-13C2,D2 is an intermediate in the synthesis of D-erythro-Sphingosine-1-phosphate-13C2,D2 (S681502), which is a labelled putative lipid second messenger, found to inhibit cellular mobility of melanoma cells at very low concentrations with no toxic effects thereby making it a possible agent for prevention of tumor cell metastasis and inflammatory processes, mobilizes intracellular calcium stores, decreases cellular cAMP, activates phospholipase D, does not inhibit protein kinase C.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	(2R,3R,E)-2-Amino-3-hydroxyoctadec-4-en-1-yl dimethyl Phosphate-13C2,D2					