

For Research Use Only

(2R)-3-(((2-Aminoethoxy)(hydroxy)phosphoryl)oxy)propane-1,2-diyl ditetradecanoate

Catalog Number: CM02202

产品信息

Catalog Number:
CM02202

CAS号:
998-07-2

分子式:
C₃₃H₆₆NO₈P

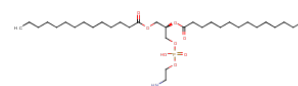
主要靶点:
Endogenous Metabolite|Others

主要通路:
其他|代谢

分子量:
635.86

溶解度:

H₂O:Insoluble,DMSO:Insoluble



描述

(2R)-3-(((2-Aminoethoxy)(hydroxy)phosphoryl)oxy)propane-1,2-diyl ditetradecanoate (DMPE) is a phosphatidylethanolamine (PE or GPEtn). It is a glycerophospholipid in which a phosphorylethanolamine moiety occupies a glycerol substitution site. DMPE, in particular, consists of two chains of myristic acid at the C-1 and C-2 positions. The myristic acid moieties are derived from nutmeg and butter. Phospholipids, are ubiquitous in nature and are key components of the lipid bilayer of cells, as well as being involved in metabolism and signaling.

储存

Powder: -20°C for 3 years | In solvent: -80°C for 2 years