

Phosphatidylethanol, PLD assay standard

Catalog	Unit
TBI1410-10MG	10 mg
TBI1410-50MG	50 mg

Product Details

Formal Name: 1-Palmitoyl-2-oleoyl-sn-glycerol-3-phosphoethanol

Molecular Formula: C₃₉H₇₄O₈P

Formula Weight: 701.99

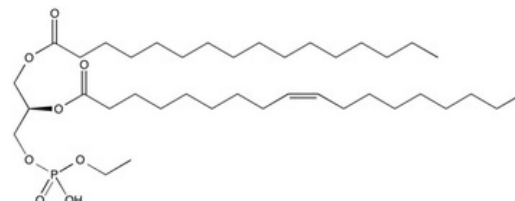
Purity: >98%

Formulation: oil/low melting point solid

Solubility: Soluble in Chloroform (up to 10 mg/ml).

Storage: -20°C

Stability: ≥ 2 years.



Applications

PLD assay standard

Functions

Phospholipase D converts phosphatidylcholine to phosphatidylethanol in the presence of ethanol. This reaction is the basis of a sensitive and selective assay for PLD activity in intact cells for which this product may be used as a chromatographic standard.

Application Procedures

First dissolved in Chloroform (up to 10 mg/ml), then diluted to aqueous buffer. Solutions in Chloroform may be stored at -20°C for up to 3 months.

For research use only.