

DSPE-PEG_x-Folic acid

Product Description

Name : **DSPE-PEG_x-Folic acid**

DSPE : distearoylphosphatidylethanolamine

PEG : PolyEthyleneGlycol

FA : Folic Acid

Syn. : 1,2-Distearoyl-sn-Glycero-3-Phosphoethanolamine-PEG-Folic acid.

Molecular Weight Catalog Number :

MW 400Da 1I7172, 100mg

MW 1000Da 1I7902, 100mg

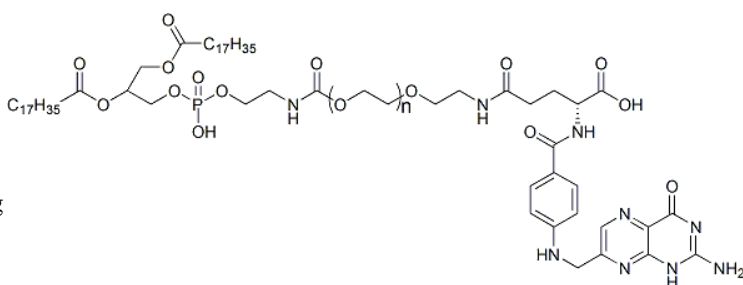
MW 2000 Da LD454A, 100 mg

MW 3400Da AWJV22, 100mg

MW 5000Da AWJW72, 100mg

MW 10000Da B36JX2, 100mg

MW 20000 Da B36JY2, 100 mg


Properties: **Solubility:** >5 mg/ml in hot water, chloroform, ethanol, etc...

Storage: +4°C. For long term store at -20°C [M] 0.

Technical information

Folic acid has high affinity towards folate receptor, a cell membrane receptor that can be used for targeted drug delivery.

DSPE (distearoylphosphatidylethanolamine) belongs to the Phosphatidylethanolamines class of phospholipids, found in biological membranes, mainly found in the inner (cytoplasmic) leaflet of the lipid bilayer..

PEG spacer is PolyEthyleneGlycol chain, that acts as a hydrophilic spacer between the 2 functional groups.

Applications:

Folic acid PEG derivatives can be used in biochemistry, to prepare drug delivery systems, on polypeptide synthesis support, to graft polymer compounds, to prepare functional coatings... and also for bioassay development, for the study of ligands,

- medical research • drug-release • cell culture
- nanotechnology • new materials research

Related products

Pegylated PEGs[®]: i.e. Lipoic acid – PEGs (FT-0A5061)

Ordering information

Catalog size quantities and prices may be found at <http://www.interchim.com>.

For any information, please ask : Uptima / Interchim; Hotline : +33(0)4 70 03 73 06

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