

Product Data Sheet

Product Name: Dihexadecyl Phosphate

Cat. No.: GC43455

Chemical Properties

Cas. No. 2197-63-9

SMILES O=P(OCCCCCCCCCCCCCCCCC)(O)CCCCCCCCCCCCCCCCC

Formula C32H67O4P

M.Wt 546.8

Solubility Chloroform: slightly soluble

Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



Background

Dihexadecyl phosphate is a negatively-charged synthetic phospholipid that has been used to impart a negative charge to neutral liposomes. It has also been used in the generation of micelles, liposomes, and other types of artificial membranes, including niosomes for drug delivery. Formulations containing dihexadecyl phosphate have been used as emulsifying agents in cosmetics.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA