

DHAPC

Chemical Properties

CAS No. : 99296-81-8

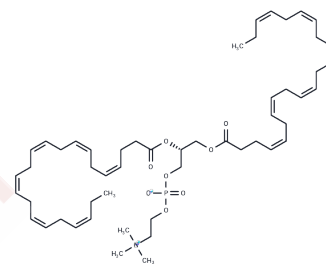
Formula: C₅₂H₈₀N₀O₈P

Molecular Weight: 878.17

Store at low temperature

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	DHAPC (1,2-Didocosahexaenoyl-sn-glycero-3-phosphocholine) can be used as a fluorine-18 radiolabeling agent for PET imaging of prostate cancer.
Targets(IC50)	Liposome

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1387 mL	5.6937 mL	11.3873 mL
5 mM	0.2277 mL	1.1387 mL	2.2775 mL
10 mM	0.1139 mL	0.5694 mL	1.1387 mL
50 mM	0.0228 mL	0.1139 mL	0.2277 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Breton M, et al. Optimization of the Electroformation of Giant Unilamellar Vesicles (GUVs) with Unsaturated Phospholipids. *J Membr Biol.* 2015 Oct;248(5):827-35.

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