

## Dihexadecyl hydrogen phosphate

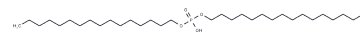
## Chemical Properties

CAS No. : 2197-63-9

Formula: C32H67O4P

Molecular Weight: 546.85

Storage: Store at low temperature  
 Powder: -20°C for 3 years | In solvent: -80°C for 1 year  
 Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Dihexadecyl hydrogen phosphate is a phospholipid analog that acts as an emulsifier and is commonly used in the skin care and pharmaceutical industries.
Targets(IC50)	Liposome

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8287 mL	9.1433 mL	18.2866 mL
5 mM	0.3657 mL	1.8287 mL	3.6573 mL
10 mM	0.1829 mL	0.9143 mL	1.8287 mL
50 mM	0.0366 mL	0.1829 mL	0.3657 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

Kotha, S., et al. Emerging Nanotechnology for the Treatment and Diagnosis of Parkinson's Disease (PD) and Alzheimer's Disease (AD). In: Peplow, P.V., Martinez, B., Gennarelli, T.A. (eds) Regenerative Medicine and Brain Repair. Stem Cell Biology and Regenerative Medicine, vol 75. Springer, Cham.

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