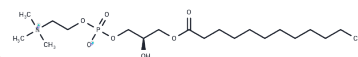


## LysoFos Choline 12

## Chemical Properties

CAS No. :	20559-18-6
Formula:	C <sub>20</sub> H <sub>42</sub> N <sub>1</sub> O <sub>7</sub> P
Molecular Weight:	439.52
Storage:	Store at low temperature Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	LysoFos Choline 12 (1-lauroyl-2-hydroxy-sn-glycero-3-phosphocholine) is an amphoteric surfactant that acts as a biofilm mimic for self-aggregation in aqueous solution.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2752 mL	11.376 mL	22.7521 mL
5 mM	0.455 mL	2.2752 mL	4.5504 mL
10 mM	0.2275 mL	1.1376 mL	2.2752 mL
50 mM	0.0455 mL	0.2275 mL	0.455 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

Sakagami H, et al. Biochemical and molecular characterization of a novel choline-specific glycerophosphodiester phosphodiesterase belonging to the nucleotide pyrophosphatase/phosphodiesterase family. *J Biol Chem.* 2005 Jun 17;280(24):23084-93.

Tokumura A, et al. Identification of human plasma lysophospholipase D, a lysophosphatidic acid-producing enzyme, as autotaxin, a multifunctional phosphodiesterase. *J Biol Chem.* 2002 Oct 18;277(42):39436-42.

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