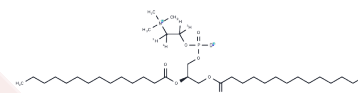


## Colfosceril miristate-D4

## Chemical Properties

CAS No. :	185906-01-8
Formula:	C <sub>36</sub> H <sub>72</sub> N <sub>0</sub> O <sub>8</sub> P
Molecular Weight:	681.96
Storage:	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	Colfosceril miristate-D4 (DMPC-D4) is the deuterated form of Colfosceril miristate. As a synthetic phospholipid, Colfosceril miristate (T9525) (DMPC) is utilized in the study of lipid monolayers and bilayers, as well as in the formation of liposomes and lipid bilayers.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4664 mL	7.3318 mL	14.6636 mL
5 mM	0.2933 mL	1.4664 mL	2.9327 mL
10 mM	0.1466 mL	0.7332 mL	1.4664 mL
50 mM	0.0293 mL	0.1466 mL	0.2933 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.

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