



Whether you are working with membrane-bound proteins or trying to find ways to stabilize macromolecules, lipids have become valuable tools. While lipids also have the same general structure as detergents—a polar hydrophilic head group and a nonpolar hydrophobic tail—lipids differ from detergents in the shape of the monomers, in the type of aggregates formed in solution, and in the concentration range required for aggregation. Anatrace® phospholipid analogs offer lipid alternatives for all of your membrane protein applications.

Anatrace products include:

- ★ Fos-Choline® Detergents
- ★ Short Chain Lipids, or PCs, PGs, and PEs
- ★ Cholesterols
- ★ Cyclofos™ Detergents
- ★ Fos-Mea® Detergents
- ★ LysoFos® Detergents

Our Fos-Choline line of lipid-like surfactants range in tail groups with chain lengths from 8 (Octyl) to 16 (Hexadecyl) carbons and is highly effective at increasing solubilization yields. This line also features specialty deuterated versions for improved NMR analysis. For detergent screening, try our most popular Fos-Choline collections (FC-12, FC-13, and FC-14) to maximize the probability of finding the best fit for your molecule.

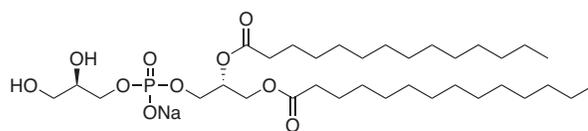
Cholesterol-based surfactants have become highly sought after. Anatrace responded to customer demand with our water-soluble cholesterol derivatives,  $\beta$ -Chobimalt and Cholesteryl Hemisuccinate, which have been instrumental in crystallizing membrane proteins with Lauryl Maltose Neopentyl Glycol (NG310) and/or MonoOlein (LCP18).

If your work requires true lipids, we recommend trying one of our recently introduced lipids. Choose from 9 different lipids including DMPC (D514), POPE (P416), DHPC (D606/7), and POPC (P516).

From functional studies of membrane proteins to industrial applications, our ever-expanding line of lipid and lipid-like surfactants will help you take the art of stabilizing molecules to new elevations and improve your results.

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## D614 DMPC



## CH210 CHOLESTERYL HEMISUCCINATE

