



Lipid and Polymer Chemistry

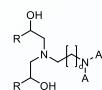
WuXi Chemistry Research Chemistry Services (RCS) Nanomedicine Platform supports your research on synthesis of lipids and polymers and in formulation of small molecule drugs or oligos to form liposomes and lipid nanoparticles (LNPs).

Broad Lipids Capability

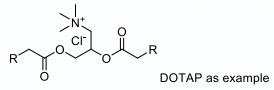
Ionizable Lipids



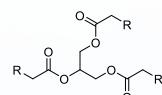
Branched Lipids



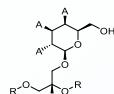
Cationic Lipids



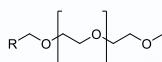
Glycerolipids



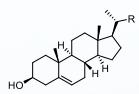
Sugar Derivatives



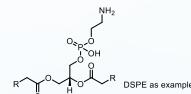
PEG Derivatives



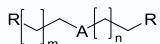
Cholesterols



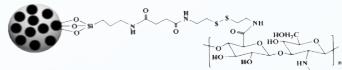
Phospholipids



Thio-Derivatives



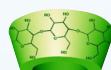
Si-Hybrids



Au/Ag-Hybrids



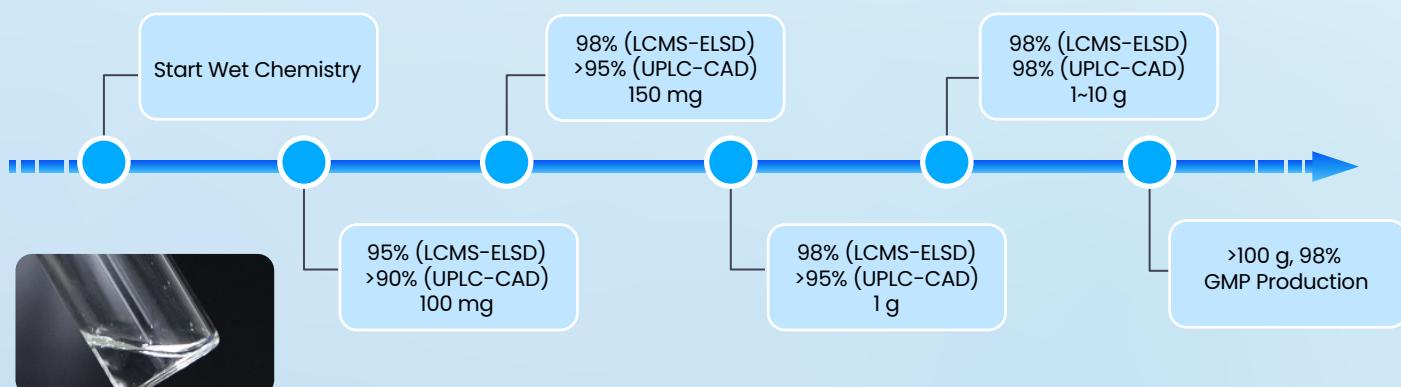
Multi-functional



Note:

- ✓ The structure is only an example for each type, more lipids are available.

Lipid Synthesis Case Study



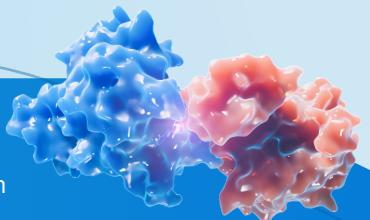
Pure lipid as colorless oil (UPLC-CAD: >99%)



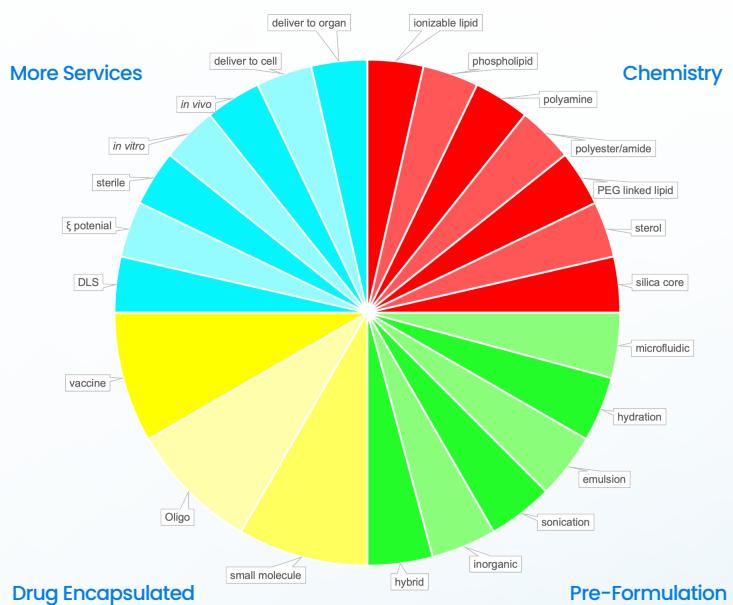
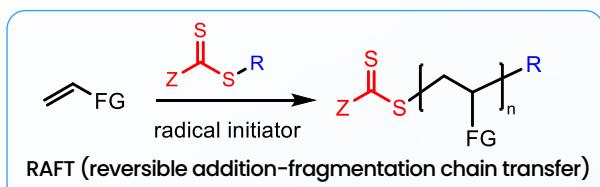
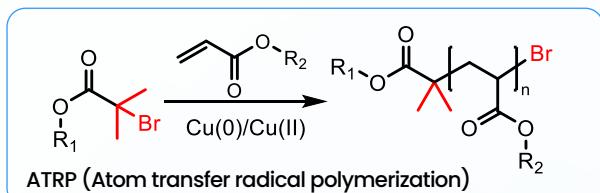
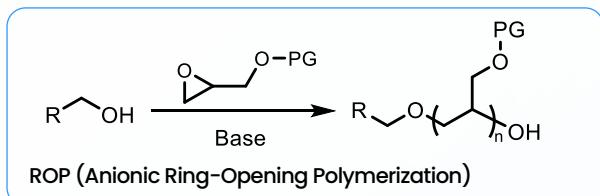
Contact us

 <https://rcs.wuxiapptec.com>

 chemistry_service@wuxiapptec.com



Broad Polymers & LNP Pre-Formulation Capability



Showcase of Nanomedicine Platform



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