

Lipid and Small Molecule Conjugates for Nucleic Acid Delivery

Hongene offers a comprehensive portfolio of high-purity, delivery-enhancing reagents for nucleic acid therapeutics, including siRNA, ASOs, and mRNA. These reagents can be conjugated to oligonucleotides or lipids for LNP formulation to improve tissue targeting, enhance cellular uptake, and optimize pharmacokinetics.

All reagents are available as succinates for solid support or post-synthetic conjugation, and as phosphoramidites for direct incorporation during SPOS.

Available Functional Groups Include:

- ⊕ Hydrophobic moieties such as cholesterol, α -tocopheryl, DHA, EPA, and DCA, to promote membrane interaction, serum stability and endosomal escape.
- ⊕ Targeting ligands including GalNAc for hepatocyte-specific delivery and PC-retinoic acid derivatives for tissue- or receptor-targeted strategies.
- ⊕ Versatile linkers and modifiers including Biotin, click linkers, spacers, and amino-modified spacers, supporting modular payload attachment, dual labeling, or downstream functionalization.
- ⊕ Nucleoside analogs offering additional flexibility for sequence design or conjugate chemistry.
- ⊕ Custom synthesis solutions, including bespoke conjugation chemistries, linker design, and tailor-made lipid or small-molecule modifiers to meet specific targeting, and formulation requirements.

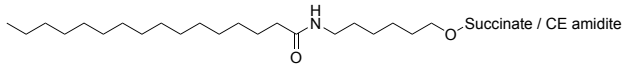
About Hongene

Quality is the foundation of Hongene. We specialize in nucleic acid manufacturing and development, delivering high-value products backed by uncompromising quality and responsive customer service.

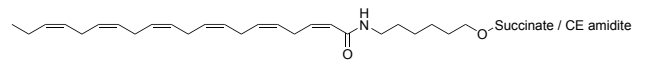
As a true end-to-end partner, we guide you through every step of your journey to create transformative therapeutics for patients - from raw materials to commercial drug manufacture.

Nearly 3 decades of industry expertise, world-renowned and specialized capabilities ensure your project is delivered on time, in full, and on budget.

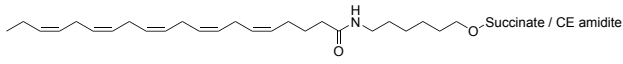
About DCA (Docosanoic Acid)



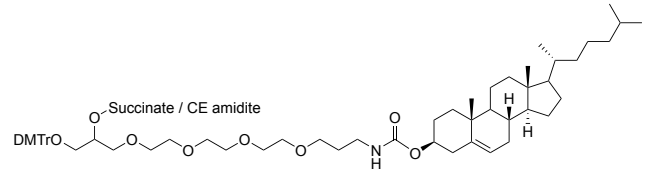
DHA (Docosahexaenoic Acid)



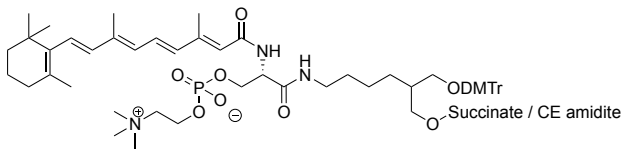
EPA (Eicosapentaenoic Acid)



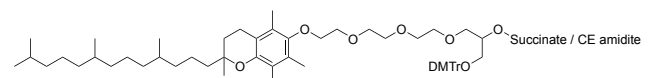
Cholesterol



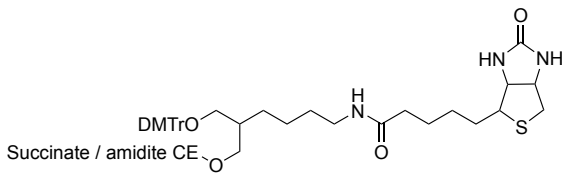
PC-RA (PC-Retinoic Acid)



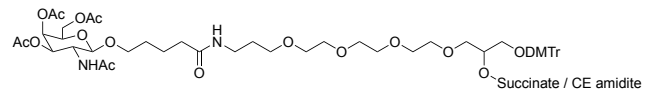
α -tocopheryl



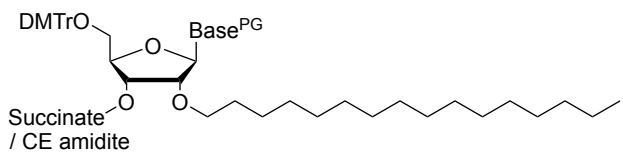
Biotin



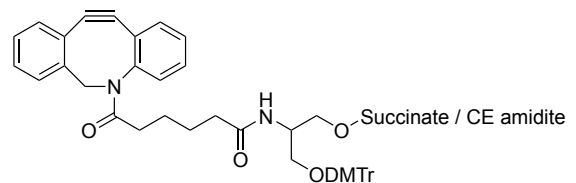
GalNAc



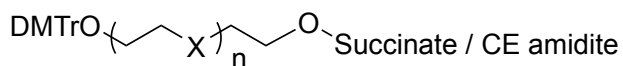
Nucleoside



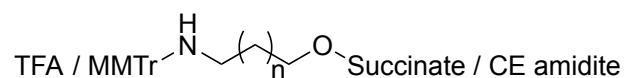
Click Linkers



Spacer



Amino-Modifier Spacer



Let's Get Started Today,
to Discuss Your Needs

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