

ALC-0315

Product Number: N-1020

\$75.00 – \$390.00

-	0	+	5mg (N-1020)	\$75.00
-	0	+	10mg (N-1020)	\$125.00
-	0	+	50mg (N-1020)	\$390.00

SKU: N-1020

Category: [Lipids](#)

Tag: [nanoparticles](#)

Description Additional Information Documentation

ALC-0315 is an ionizable lipid which has been used to form lipid nanoparticles for delivery of RNA.

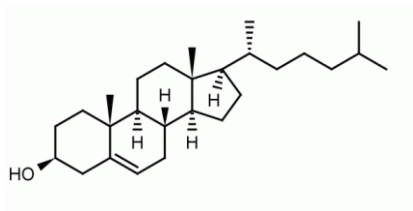
ALC-0315 is one of the components in the BNT162b2 vaccine against SARS-CoV-2 in addition to ALC-0159,

DSPC, and cholesterol. This is a reagent grade product, for research use only.

References

- 1) R. Tenchov, R. Bird, A. E. Curtze, Q. Zhou (2021) "Lipid Nanoparticles—From Liposomes to mRNA Vaccine Delivery, a Landscape of Research Diversity and Advancement" ACS Nano, DOI: 10.1021/acsnano.1c04996.
- 2) K.H. Moss, P. Popova, et al. (2019) "Lipid Nanoparticles for Delivery of Therapeutic RNA Oligonucleotides" Mol. Pharmaceutics 16, 2265–2277, DOI: 10.1021/acs.molpharmaceut.8b01290.
- 3) Y. Duan, A. Dhar, et al. (2020) "A brief review on solid lipid nanoparticles: part and parcel of contemporary drug delivery systems" RSC Adv.,10, 26777-26791..

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Lipids

Cholesterol

Product Number: L-6012

93 / 100

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\$30.00 – \$150.00

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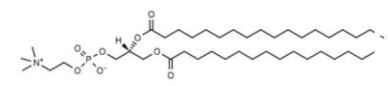
Lipids

ALC-0159

Product Number: N-2010

\$125.00 – \$495.00

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Lipids

DSPC (18:0/18:0 PC)

Product Number: L-1118

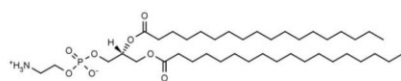
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\$30.00 – \$240.00

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Lipids

DSPE (18:0/18:0 PE)

Product Number: L-2118

91 / 100

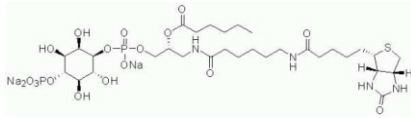
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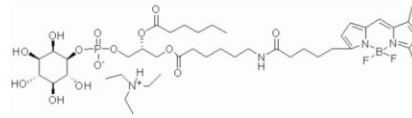
Lipids

GloPIPs Biotin-PI(4)P

Product Number: C-04B6A

\$144.00 – \$610.00

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Lipids

BODIPY FL Phosphatidylinositol

Product Number: C-00F6

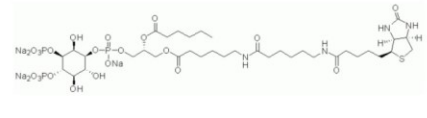
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\$280.00 – \$446.00

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Lipids

Biotin Phosphatidylinositol 3,4- bisphosphate

Product Number: C-34B6

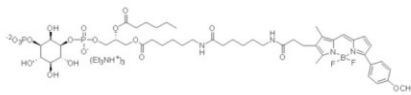
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\$277.00 – \$846.00

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Lipids


BODIPY TMR PI(3)P

Product Number: C-03M6

\$448.00 – \$770.00

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