

## Product Datasheet

### ALC-0366 (orb1910463)

|                        |   |
|------------------------|---|
| <b>Catalog Number</b>  | orb1910463  |
| <b>Category</b>        | Small Molecules   |
| <b>Description</b>     | ALC 0366 is an ionizable cationic lipid (pKa = 6.25) from Biontech, which is derived from ALC-0315. ALC0366 has been used as a key component of LNP to deliver BNT142, a lipid nanoparticle (LNP)-formulated RNA (RNA-LNP) encoding a T cell-engaging bispecific antibody that monovalently binds the T cell marker CD3 and bivalently binds claudin 6 (CLDN6), an oncofetal antigen that is absent from normal adult tissue but expressed on various solid tumors. |
| <b>Purity</b>          | >95%  |
| <b>MW</b>              | 724.2   |
| <b>CAS Number</b>      | 2096984-25-5  |
| <b>Formula</b>         | C <sub>45</sub> H <sub>89</sub> NO <sub>5</sub>   |
| <b>SMILES</b>          | <chem>OCCCN(CCCCCCCCCOC(C(CCCC)CCCCC)=O)CCCCCCCCCOC(C(CCCC)CCCCC)=O</chem>  |
| <b>Note</b>            | For research use only   |
| <b>Expiration Date</b> | 12 months from date of receipt.   |

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