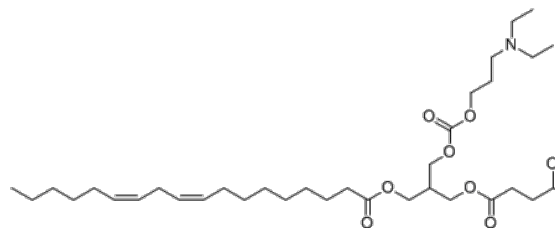


**Product Name** : CIN-16645  
**Cat. No.** : PC-20931  
**CAS No.** : 1799316-64-5  
**Molecular Formula** : C<sub>50</sub>H<sub>93</sub>NO<sub>9</sub>  
**Molecular Weight** : 852.29  
**Target** : Other Targets  
**Solubility** : 10 mM in DMSO



CAS: 1799316-64-5

## Biological Activity

CIN-16645 (LP-01) is an ionizable cationic amino lipid used in combination with other lipids in the formation of lipid nanoparticles (LNPs) to deliver single-guide RNA (sgRNA) targeting MHC class II transactivator (CIITA) in T cells.

## References

Patent WO/2022/125982.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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