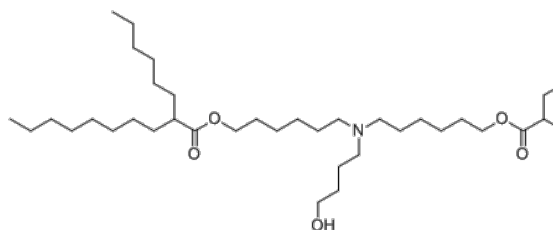


**Product Name** : ALC-0315  
**Cat. No.** : PC-73160  
**CAS No.** : 2036272-55-4  
**Molecular Formula** : C<sub>48</sub>H<sub>95</sub>NO<sub>5</sub>  
**Molecular Weight** : 766.3  
**Target** : Other Targets  
**Solubility** :



### Biological Activity

ALC-0315 is a synthetic ionizable amino lipid that has been used in combination with other lipids in the formation of lipid nanoparticles, has attracted attention as a component of the SARS-CoV-2 vaccine.

### References

- Morais P, et al. Front Cell Dev Biol. 2021 Nov 4;9:789427.  
Radice A, et al. Eur Ann Allergy Clin Immunol. 2021 Sep;53(5):240-242.  
Moghimi SM. Mol Ther. 2021 Mar 3;29(3):898-900.

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

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