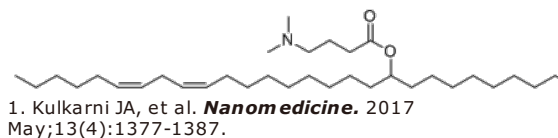


Product Name	: DLin-MC3-DMA
Cat. No.	: PC-73149
CAS No.	: 1224606-06-7
Molecular Formula	: C ₄₃ H ₇₉ NO ₂
Molecular Weight	: 642.1
Target	: Other Targets
Solubility	: 100 mM in Ethanol (64.2 mg/mL)



Biological Activity

DLin-MC3-DMA is an ionizable amino lipid (apparent pKa = 6.44) that has been used in combination with other lipids in the formation of lipid nanoparticles.

Administration of Factor VII siRNA in DLin-MC3-DMA-containing lipid nanoparticles reduces plasma Factor VII protein levels in mice.

Formulations containing DLin-MC3-DMA have been used in the development of lipid nanoparticles for siRNA delivery in patients with hereditary transthyretin-mediated amyloidosis.

References

