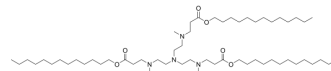


Tri-N-tridecyl 3-(ethyl(methyl)amino)propanoate

Cat. No.:	HY-153137
CAS No.:	1566559-80-5
Molecular Formula:	C ₅₇ H ₁₁₄ N ₄ O ₆
Molecular Weight:	951.54
Target:	Liposome
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Tri-N-tridecyl 3-(ethyl(methyl)amino)propanoate is a biodegradable lipid prepared by the conjugate addition of alkylamines to acrylates. Tri-N-tridecyl 3-(ethyl(methyl)amino)propanoate can be used in various drug delivery systems to deliver polynucleotides, siRNA for example^[1].

REFERENCES

- [1]. Anderson, et al. Amine-containing lipid nanoparticles for delivery of siRNA. World Intellectual Property Organization, WO2014028487 A1. 2014-02-20.
- [2]. Whitehead KA, Dorkin JR, Vegas AJ, et al. Degradable lipid nanoparticles with predictable in vivo siRNA delivery activity. Nat Commun. 2014;5:4277.

Caution: Product has not been fully validated for medical applications. For research use only.

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