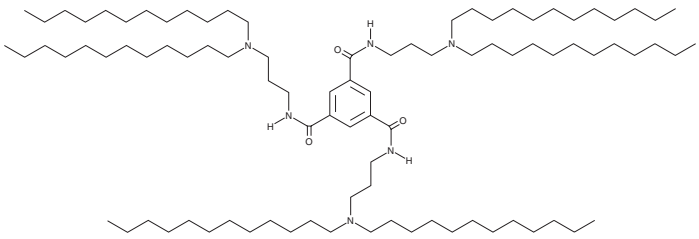
PRODUCT INFORMATION

TT3

Item No. 37909

CAS Registry No.:	1821214-50-9
Formal Name:	N^1,N^3,N^5-*tris*[3-(didodecylamino)propyl]-1,3,5-benzenetricarboxamide
MF:	$C_{90}H_{174}N_6O_3$
FW:	1,388.4
Purity:	≥95%
UV/Vis.:	λ_{max}: 210 nm
Supplied as:	A solution in ethanol
Storage:	-20°C
Stability:	≥2 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Description

TT3 is an ionizable cationic amino lipid that has been used in combination with other lipids in the formation of lipid-like nanoparticles (LLNs).[1] Administration of LLNs containing TT3 and encapsulating mRNA encoding human coagulation Factor IX induces human coagulation Factor IX expression in the plasma of mice.

Reference

1. Li, B., Luo, X., Deng, B., *et al.* An orthogonal array optimization of lipid-like nanoparticles for mRNA delivery in vivo. *Nano Lett.* **15(12)**, 8099-8107 (2015).

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