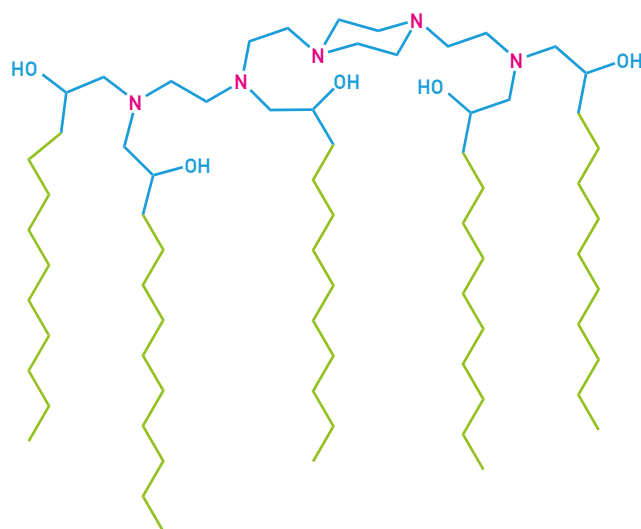


C12-200 Technical Data Sheet

Product name	C12-200
Chemical name	1,1'-((2-(4-(2-(2-(bis(2-hydroxydodecyl)amino)ethyl)(2-hydroxydodecyl)amino)ethyl)piperazin-1-yl)ethyl)azanediyil)bis(dodecan-2-ol)
MW	1136.96

Chemical structure



Molecular Weight: 1136.96

CAS N°	1220890-25-4
Assay HPLC	≥ 95.0%
Application	Lipid NanoParticles as delivery systems for enabling the therapeutic potential of siRNA, mRNA or CRISPR as they exhibit remarkable in vivo potencies at low doses.

Literature

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2. Leuschner F, Courties G, Dutta P, Mortensen LJ, Gorbatov R, Sena B, Novobrantseva T, Borodovsky A, Fitzgerald K, Koteliansky V, Iwamoto Y, Bohlender M, Meyer S, Lasitschka F, Meder B, Katus HA, Lin C, Libby P, Swirski FK, Anderson DG, Weissleder R, Nahrendorf M. *Eur Heart J*. 2015 Jun 14;36(23):1478-88. doi: 10.1093/eurheartj/ehu225. Epub 2014 Jun 20.
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