Certificate of Analysis

C12-200

Cat. No.: HY-145405

CAS No.: 1220890-25-4

Batch No.: 141480

Chemical Name: 2-Dodecanol, 1,1′-[[2-[4-[2-[[2-[bis(2-hydroxydodecyl)amino]ethyl](2-hydroxydodecyl)amino]ethyl]-1-piperazinyl]ethyl]imino]bis-

PHYSICAL AND CHEMICAL PROPERTIES

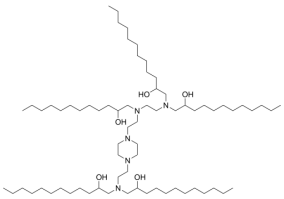
Molecular Formula: $C_{70}H_{145}N_5O_5$

Molecular Weight: **1136.93**

Storage:

Pure form	-20°C	3 years
	4°C	2 years
In solvent	-80°C	6 months
	-20°C	1 month

Chemical Structure:



ANALYTICAL DATA

Appearance: Colorless to light yellow (Viscous Liquid)

^{1}H NMR Spectrum: Consistent with structure

Purity (NMR): **≥98.0%**

Conclusion: The product has been tested and complies with the given specifications.

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

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