

Certificate of Analysis

1,5-Dihexadecyl N-(3-carboxy-1-oxopropyl)-L-glutamate

Cat. No.:	HY-150220
CAS No.:	125401-63-0
Batch No.:	253261
Chemical Name:	L-Glutamic acid, N-(3-carboxy-1-oxopropyl)-, 1,5-dihexadecyl ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{41}H_{77}NO_7$		
Molecular Weight:	696.05		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month

Chemical Structure:

ANALYTICAL DATA

Appearance:	White to off-white (Solid)
¹ H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (NMR):	≥97.0%
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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