Certificate of Analysis

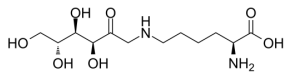
Fructosyl-lysine

Cat. No.:	HY-129380
CAS No.:	21291-40-7
Batch No.:	244229
Chemical Name:	L-Lysine, N6-(1-deoxy-D-fructos-1-yl)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{12}H_{24}N_2O_7$		
Molecular Weight:	**308.33**		
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:	Light yellow to brown (Solid)
^{1}H NMR Spectrum:	Consistent with structure
MS:	Consistent with structure
Purity (NMR):	**≥95.0%**
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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