Certificate of Analysis

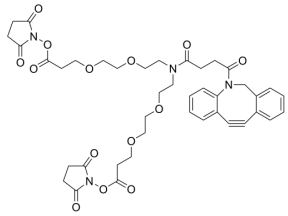
N-DBCO-N-bis(PEG2-C2-NHS ester)

Cat. No.:	HY-140585
CAS No.:	2128735-29-3
Batch No.:	281553
Chemical Name:	N-DBCO-N-bis(PEG2-C2-NHS ester)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{41}H_{46}N_4O_{14}$		
Molecular Weight:	**818.82**		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month

Chemical Structure:



ANALYTICAL DATA

Appearance:	Light yellow to yellow (Solid)
^{1}H NMR Spectrum:	Consistent with structure
Purity (NMR):	**≥96.0%**
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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