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## Certificate of Analysis

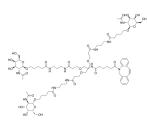
### Tri-GalNAc-DBCO

Cat. No.:	HY-148476
Batch No.:	288596
Chemical Name:	Tri-GalNAc-DBCO

#### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C <sub>82</sub> H <sub>127</sub> N <sub>11</sub> O <sub>29</sub>		
Molecular Weight:	1730.94		
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)
<sup>1</sup> H NMR Spectrum:	Consistent with structure
MS:	Consistent with structure
Purity (HPLC):	99.92%
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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com