

Sialylglycopeptide

Cat. No.: HY-P3302
CAS No.: 189035-43-6
Molecular Formula: $C_{112}H_{189}N_{15}O_{70}$
Molecular Weight: 2865.76
Target: Others
Pathway: Others
Storage: Sealed storage, away from moisture
 Powder -80°C 2 years
 -20°C 1 year

Sialylglycopeptide

* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

SOLVENT & SOLUBILITY

In Vitro

H₂O : 100 mg/mL (34.89 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		0.3489 mL	1.7447 mL	3.4895 mL
	5 mM		0.0698 mL	0.3489 mL	0.6979 mL
	10 mM		0.0349 mL	0.1745 mL	0.3489 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Sialylglycopeptide is a complex N-glycan, bearing a short peptide fragment. Sialylglycopeptide, as a starting material for the semi-synthesis of N-glycans, can be used for various researches^[1].

REFERENCES

[1]. Lin Liu, et al. Improved isolation and characterization procedure of sialylglycopeptide from egg yolk powder. Carbohydr Res. 2017 Nov 27;452:122-128.

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

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