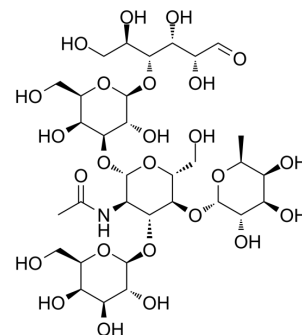


Lacto-N-fucopentaose II

Cat. No.:	HY-N7575
CAS No.:	21973-23-9
Molecular Formula:	C ₃₂ H ₅₅ NO ₂₅
Molecular Weight:	853.77
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

H₂O : 250 mg/mL (292.82 mM; Need ultrasonic)

Concentration	Mass			
	1 mg	5 mg	10 mg	
1 mM	1.1713 mL	5.8564 mL	11.7128 mL	
5 mM	0.2343 mL	1.1713 mL	2.3426 mL	
10 mM	0.1171 mL	0.5856 mL	1.1713 mL	

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

BIOLOGICAL ACTIVITY

Description

Lacto-N-fucopentaose II (LNFP II) is a sialyl-Lewis, hapten of human Lewis bloodgroup determinant. Lacto-N-fucopentaose II monosialo-ganglioside/glycolipid and sialyl derivative, CA 19-9, is a molecular tumour markers (TM) for biliopancreatic malignancy^[1].

IC₅₀ & Target

Human Endogenous Metabolite

REFERENCES

[1]. Lamerz R. Role of tumour markers, cytogenetics. Ann Oncol. 1999;10 Suppl 4:145-9.

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

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