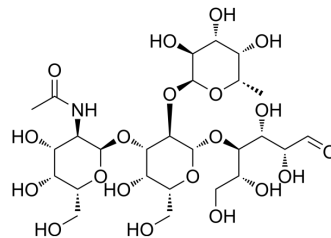


Blood group A antigen tetraose type 5

Cat. No.:	HY-N10510
CAS No.:	59957-92-5
Molecular Formula:	C ₂₆ H ₄₅ NO ₂₀
Molecular Weight:	691.63
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Blood group A antigen tetraose type 5 (A-Tetrasaccharide) is a tetrasaccharide and a blood group specific oligosaccharide, inhibits the binding of anti-A antibody to blood group A substance. Blood group A antigen tetraose type 5 can be isolated from polar bear milk samples^{[1][2]}.

REFERENCES

- [1]. Feizi T, et al. The adhesive specificity of the soluble human lectin, IgE-binding protein, toward lipid-linked oligosaccharides. Presence of the blood group A, B, B-like, and H monosaccharides confers a binding activity to tetrasaccharide (lacto-N-tetraose and lacto-N-neotetraose) backbones. *Biochemistry*. 1994 May 24;33(20):6342-9.
- [2]. Sabharwal H, et al. Blood group specific oligosaccharides from faeces of a blood group A breast-fed infant. *Mol Immunol*. 1984 Nov;21(11):1105-12.

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

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