



Product Information

Blood group A hexasaccharide type II

Cat. No.: XCO0067Q

Size: 1 mg; 2 mg; 5 mg

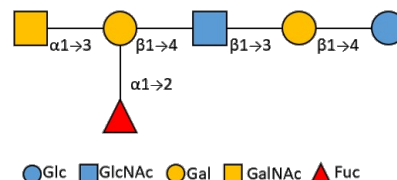
CAS Number: 30461-82-6

Synonym: 30461-82-6; GalNAc α (1-3)[Fuca(1-2)]Gal β (1-4)GlcNAc β (1-3)Gal β (1-4)Glc;

A antigen hexaose type 2; A hexasaccharide type 2; Blood group A hexasaccharide

type 2

This product is for research use only and is not intended for diagnostic use.



Product Information

Molecular Weight	1056.96
Molecular Formula	C ₄₀ H ₆₈ N ₂ O ₃₀
InChI	InChI=1S/C40H68N2O30/c1-10-21(53)28(60)29(61)38(63-10)72-35-34(71-36-19(41-11(2)49)26(58)23(55)15(6-45)64-36)25(57)17(8-47)66-40(35)69-32-18(9-48)67-37(20(27(32)59)42-12(3)50)70-33-24(56)16(7-46)65-39(30(33)62)68-31(14(52)5-44)22(54)13(51)4-43/h4,10,13-40,44-48,51-62H,5-9H2,1-3H3,(H,41,49)(H,42,50)/t10-,13-,14+,15+,16+,17+,18+,19+,20+,21+,22+,23-,24-,25-,26+,27+,28+,29-,30+,31+,32+,33-,34-,35+,36+,37-,38-,39-,40-/m0/s1
InChI Key	DBZGQKAPLVJZMG-XYQNHUJISA-N
Canonical SMILES	O=CC(O)C(O)C(OC1OC(CO)C(O)C(OC2OC(CO)C(OC3OC(CO)C(O)C(OC4OC(CO)C(O)C(O)C4NC(=O)C)C3OC5OC(C)C(O)C(O)C5O)C(O)C2NC(=O)C)C1O)C(O)CO
Form	White powder
Purity	>90%, determined by ¹ H NMR.
Identity	Confirmed by ¹ H NMR.
Applications	Blood group A hexasaccharide type II is a useful chemical compound for research and analytical purpose.
Storage	Room temperature

Safety Information

Personal Protective Equipment	Gloves, eyeshields, N95 mask
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