



Product Information

Blood group A pentasaccharide

Cat. No.: XCO0062Q

Size: 50 µg; 100 µg; 250 µg; 500 µg; 1 mg

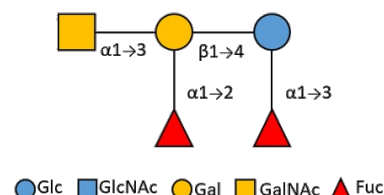
MDL: MFCD05664696

CAS Number: 50624-46-9

Compound CID: 131879877

Synonym: 50624-46-9; GalNAcα(1-3)[Fuca(1-2)]Galβ(1-4)[Fuca(1-3)]Glc; Blood group A antigen pentaoase type 1; A-pentasaccharide; O-2-(Acetylamino)-2-deoxy-α-D-galactopyranosyl-(1→3)-O-[6-deoxy-α-L-galactopyranosyl-(1→2)]-O-β-D-galactopyranosyl-(1→4)-O-[6-deoxy-α-L-galactopyranosyl-(1→3)]-D-glucose

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



Product Information

Molecular Weight	837.77
Molecular Formula	C ₃₂ H ₅₅ NO ₂₄
InChI	InChI=1S/C32H55NO24/c1-8-16(41)21(46)23(48)30(50-8)54-25(11(39)4-34)26(12(40)5-35)55-32-28(57-31-24(49)22(47)17(42)9(2)51-31)27(19(44)14(7-37)53-32)56-29-15(33-10(3)38)20(45)18(43)13(6-36)52-29/h4,8-9,11-32,35-37,39-49H,5-7H2,1-3H3,(H,33,38)/t8-,9-,11-,12+,13+,14+,15+,16+,17+,18-,19-,20+,21+,22+,23-,24-,25+,26+,27-,28+,29+,30-,31-,32-/m0/s1
InChI Key	KNCUEMJWAPMUBK-ALSWLTRXSA-N
Canonical SMILES	CC1C(C(C(C(O1)OC2C(C(C(OC2OC(C(CO)O)C(C(C=O)O)OC3C(C(C(C(O3)C)O)O)CO)O)OC4C(C(C(C(O4)CO)O)O)NC(=O)C)O)O)O
Form	White powder
Purity	>90%, determined by ¹ H NMR.
Identity	Confirmed by ¹ H NMR.
Applications	Blood group A pentasaccharide is a useful chemical compound for research and analytical purpose.
Storage	Store at -20°C.

Safety Information

Personal Protective Equipment Gloves, eyeshields, N95 mask



CD BioGlyco

SUITE 201, 17 Ramsey Road, Shirley, NY 11967, USA

Tel: 1-631-637-6119 | Email: info@bioglyco.com
