|  |  |  |  |
| --- | --- | --- | --- |
| **NO.** | **Name** | **Common name** | **Glycan Structure** |
|
| 1 | Ketodeoxynonulonsonic Acid | Man |  |
| 2 | (Man)9(GlcNAc)2 Mannonanose-di-(N-acetyl-D-glucosamine) | Man-9 Glycan |  |
| 3 | (Man)3(GlcNAc)2  Mannotriose-di-(N-acetyl-D-glucosamine) | Man-3 Glycan |  |
| 4 | α-D-Man-(1→6)-D-Man 6-O-α-D-Mannopyranosyl-D-mannopyranose | 6α-Mannobiose | M7788 |
| 5 | α-D-Man-[1→2]-D-Man 2-O-α-D-Mannopyranosyl-D-mannopyranose | 2α-Mannobiose | 说明: M1050 |
| 6 | α-Man-(1→3)(α-Man-[1→6])-α-Man-(1→6)(α-Man-[1→3])-Man | 3α,6α-Mannopentaose |  |
| 7 | N-Acetyl-Neuraminic | NeuAc |  |
| 8 | α-NeuNAc-(2→3)-β-D-Gal-(1→3)-(α-L-Fuc-[1→4])-D-GlcNAc 3′-SLea | 3′-Sialyl-Lewis-a tetrasaccharide |  |
| 9 | 3′-N-Acetylneuraminyl-N-acetyllactosaminesodium | 3-(N-Acetyl-L-cystein-S-yl |  |
| 10 | 3′-Sialyllactose | 3'-SL |  |
| 11 | 6′-Sialyllactose | 6'-SL | 说明: C:\Users\Dang Liuyi\Desktop\carbohydates\A9024.png |
| 12 | A2 Glycan, N-Linked Oligosaccharide, Disialylated, Biantennary | NA2F |  |
| 13 | Sialyllactose | SL | C:\Users\Dang Liuyi\Desktop\carbohydates\A0828.png |
| 14 | Fucose | Fuc | C:\Users\Dang Liuyi\Desktop\carbohydates\Fuc.png |
| 15 | Lacto-N-difucohexaose I | LNDF I |  |
| 16 | Lacto-N-fucopentaose I | LNF-I |  |
| 17 | α-Gal-(1→3)-(α-Fuc-[1→2])-β-Gal-(1→3)-(α-Fuc-[1→4])-GlcBLeb-Pentasaccharide | B-Pentasaccharide |  |
| 18 | α-Fuc(1→2)-β-Gal-(1→3)-(α-Fuc-[1→4])-GlcNAcLeb glycan | Lewis-b tetrasaccharide |  |
| 19 | α-Fuc-(1→2)-β-Gal-(1→4)-(α-Fuc-[1→3])-GlcNAc | Lewis-Y tetrasaccharide |  |
| 20 | α-L-Fuc-(1→2)-β-D-Gal-(1→4)-D-Glc | 2′-Fucosyl-D-lac |  |
| 21 | α-Fuc-(1→2)-β-Gal-(1→4)-GlcNAc 2′-Fucosyl-N-acetyllactosamine Blood group H trisaccharide | H-Trisaccharide |  |
| 22 | α-L-Fuc-(1→3)-D-GlcNAc 2-Acetamido-2-deoxy-3-O-α-L-fucopyranosyl-D-glucopyranose | 3α-Fucosyl-N-acetylglucosamine |  |
| 23 | Lacto-N-difucohexaoseII | LNDF II |  |
| 24 | α-Gal-(1→3)-(α-Fuc-[1→2])-β-Gal-(1→3)-(α-Fuc-[1→4])-GlcBLeb-Pentasaccharide | iso-B-Pentasaccharide |  |
| 25 | α-GalNAc-(1→3)-(α-Fuc-[1→2])-β-Gal-(1→3)-(α-Fuc-[1→4])-Glc A-Leb-Pentasaccharide | iso-A-Pentasaccharide |  |
| 26 | Galactose | Gal |  |
| 27 | Lactose | Lac |  |
| 28 | Lacto-N-tetraose | LNT |  |
| 29 | β-D-Gal-(1→4)-D-GlcNAc 2-Acetamido-2-deoxy-4-O-β-D-galactopyranosyl-D-glucopyranose LN N-Acetyl-4-O-(β-D-galactopyranosyl)-D-glucosamine | N-Acetyl-D-lactosamine |  |
| 30 | 4β-Galactobiose | 4β-Gal |  |
| 31 | Galacto-N-biose | GLNBP |  |
| 32 | α-D-Gal-(1→3)-β-D-Gal-(1→4)-α-D-Gal-(1→3)-D-Gal 3-O-(4-O-[3-O-α-D-Galactopyranosyl-β-D-galactopyranosyl]-α-D-galactopyranosyl)-D-galactopyranose | 3α,4β,3α-Galactotetraose |  |
| 33 | α-D-Gal-(1→4)-β-D-Gal-(1→4)-D-Glc 4-O-(4-O-α-D-Galactopyranosyl-β-D-galactopyranosyl)-D-glucopyranose | Globotriose |  |
| 34 | N-acetylgalactosamine | GalNAc |  |
| 35 | Ser-O-2-amino-2-deoxy-beta-D-glucopyranose hydrochloride | GlcNAc-O-Ser |  |
| 36 | Glucose | Glu | C:\Users\Dang Liuyi\Desktop\carbohydates\Glu.png |
| 37 | α1,4'-beta-glycoside[4-O -(beta-D-Glucopyranosyl)-beta-D-glucopyranose] | Cellobiose |  |
| 38 | 2-amino-2-deoxy-beta-D-glucopyranose hydrochloride | GlcNAc |  |
| 39 | (GlcNAc)2Man3(GlcNAc)2 Asialo, agalacto, biantennary N-glycan Mannotriose-di-(N-acetylglucosamine), bis(N-acetylglucosaminyl) | NGA2 Glycan |  |
| 40 | Xylose | Xyl |  |
| 41 | Hyaluronic acid | HA | **/** |