Structures and masses of mammalian *N-g*lycans

Symbol	Ose	Isotopic mass (Da)
N	N-acetylglucosamine	203,08
M	Mannose	162,06
F	Fucose	146,06
G	Galactose	162,06
S	N-acetylneuraminate	291,09

High mannose type

N_2M_2	730,28
N_2M_3	892,34
N_2M_4	1054,40
N_2M_5	1216,46
N_2M_6	1378,52
N_2M_7	1540,58
N_2M_8	1702,64
N_2M_9	1864,70

Hybrid and complex types

NMN		NMNG		NMF/NMNF		NMNGS		NMNGF		NMNGSF	
$N_2M_3N_1$	1095,42	$N_2M_3N_1G_1$	1257,48	$N_2M_2F_1$	876,34	$N_2M_3N_1G_1S_1$	1548,57	$N_2M_3N_1G_1F_1$	1403,54	$N_2M_3N_1G_1S_1F_1$	1694,63
$N_2M_3N_2$	1298,50	$N_2M_3N_2G_1$	1460,56	$N_2M_3F_1$	1038,4	$N_2M_3N_2G_1S_1$	1710,63	$N_2M_3N_2G_1F_1$	1606,62	$N_2M_3N_2G_1S_1F_1$	1897,71
$N_2M_3N_3$	1501,58	$N_2M_3N_2G_2$	1622,62	$N_2M_4F_1$	1200,46	$N_2M_3N_2G_2S_1$	1872,69	$N_2M_3N_2G_2F_1$	1768,68	$N_2M_3N_2G_2S_1F_1$	2059,77
$N_2M_3N_4$	1704,66	$N_2M_3N_3G_1$	1663,64	$N_2M_3N_1F_1$	1241,48	$N_2M_3N_2G_2S_2$	2163,78	$N_2M_3N_3G_3F_1$	2133,82	$N_2M_3N_2G_2S_2F_1$	2350,86
$N_2M_4N_1$	1257,48	$N_2M_3N_3G_2$	1825,70	$N_2M_3N_2F_1$	1444,56	$N_2M_3N_3G_3S_3$	2778,99	$N_2M_3N_4G_4F_1$	2498,96	$N_2M_3N_3G_3S_3F_1$	3007,09
$N_2M_4N_2$	1460,56	$N_2M_3N_3G_3$	1782,66	$N_2M_3N_3F_1$	1647,64	$N_2M_3N_4G_4S_4$	3394,2	$N_2M_3N_5G_4F_1$	2702,04	$N_2M_3N_4G_4S_4F_1$	3663,32
$N_2M_5N_1$	1419,54	$N_2M_3N_4G_4$	2352,90	$N_2M_3N_4F_1$	1850,72	$N_2M_3N_5G_4S_4$	3556,26			$N_2M_3N_5G_4S_4F_1$	3866,4
$N_2M_5N_2$	1622,62			$N_2M_3N_5F_1$	2053,8	$N_2M_5N_3G_2S_1$	2440,91				
$N_2M_6N_1$	1581,60					$N_2M_5N_3G_2S_2$	2732				
$N_2M_6N_2$	1784,68					$N_2M_5N_2G_2S_1$	2278,85				
$N_2M_7N_1$	1631,66					$N_2M_5N_2G_2S_2$	2569,94				
$N_2M_7N_2$	1946,74										