

O-glycosylation Modulates Proprotein Convertase Activation of Angiopoietin-Like Protein 3 -
Possible Role of GALNT2 in Regulation of HDL and TG

Supplemental Data

Suppl. Table 1. List of product ions from ETD-MS² of ANGPTL3+1Tn precursors (MH₄⁴⁺, 200 ms reaction time, and MH₃³⁺, 150 ms reaction time) in LTQ-Orbitrap, with deviations of experimental from theoretical *m/z* values (err, in ppm) calculated by Protein Prospector (<http://prospector.ucsf.edu/>) MS-Product program for HexNAc at Thr8.

	calc.	404.4780 ⁴⁺ exp.	err (ppm)	538.9697 ³⁺ exp.	error (ppm)
c ₂	243.1816	243.1843	11		
z ₂	244.1418	244.1446	12		
c ₅ ²⁺	284.1899	284.1923	8.4		
c ₆ ²⁺	362.2405	362.2424	5.3		
z ₃	391.2102	391.2121	4.9		
c ₃	399.2827	399.2845	4.6	399.2846	4.9
c ₇ ²⁺	412.7643	412.7661	4.4		
z ₇ ²⁺	525.2739	525.2739	1.7		
c ₅	567.3725	567.3737	2.0	567.3738	2.2
z ₉ ²⁺	609.3180	609.3191	1.9		
[c ₉ -1] ²⁺	612.8503			612.8513	1.6
c ₉ ²⁺	613.3542	613.3550	1.3		
[c ₁₀ -1] ²⁺	686.3845			686.3854	1.3
c ₁₀ ²⁺	686.8884	686.8889	0.7		
z ₁₀ ²⁺	687.3685	687.37	2.2		
c ₆	723.4737	723.4741	0.6	723.4742	0.8
c ₆ +1	723.4770	724.4813	5.9		
c ₁₁ ²⁺	743.4304			743.4310	0.7
[c ₁₁ +1] ²⁺	743.9321	743.9341	2.7		
z ₅ *	792.3900	792.3917	2.1		
c ₇	824.5213	824.5213	0.0	824.5212	0.2
c ₇ +1	825.5247	825.5279	3.9		
z ₆	893.4377	893.4374	-0.3		
z ₇	1049.5388	1049.5380	-0.7	1049.5385	-0.3
z ₇ +1	1050.5466	1050.5448	-1.7		
z ₉	1217.6287	1217.6266	-1.7	1217.6276	-0.9
z ₉ +1	1218.6365	1218.6343	-1.8		
c ₉	1225.7011	1225.6991	-1.7	1225.6994	-1.4
c ₉ +1	1226.7045	1226.7057	1.0		
c ₁₀	1372.7696	1372.7668	-2.0	1372.7670	-1.9
c ₁₀ +1	1373.7729	1373.7751	1.6		
z ₁₀ +1	1374.7376	1374.7141	-17		
c ₁₀	1485.8536	1485.8505	-2.1		
c ₁₁ +1	1486.8570	1486.8583	0.9	1486.8577	0.5
c ₁₁ +2	1487.8603	1487.8655	3.5		

*Observed at 100 ms ETD reaction time.