



Carbohydrate Research Vol 452, 2017

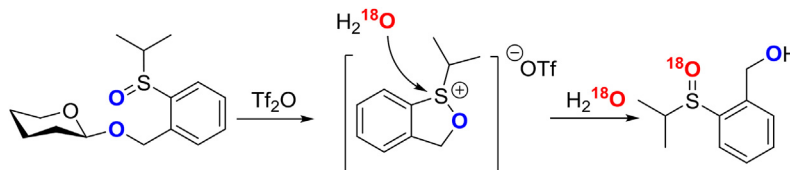
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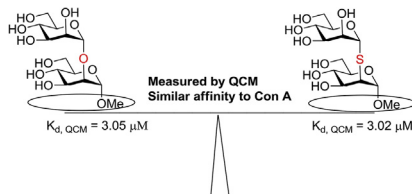
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Wei Chen, Jing Zeng, Hao Wang, Xiong Xiao, Lingkui Meng and Qian Wan*


Synthesis and binding affinity analysis of α 1-2- and α 1-6-O/S-linked dimannosides for the elucidation of sulfur in glycosidic bonds using quartz crystal microbalance sensors

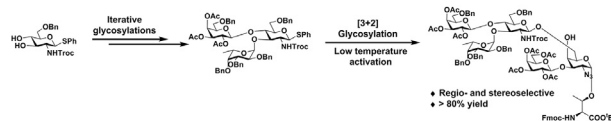
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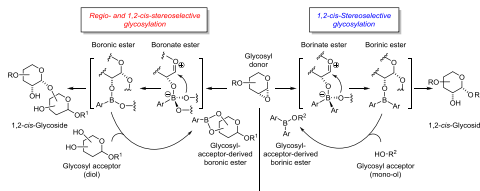
Mohammed Y.R. Sardar, Venkata R. Krishnamurthy, Simon Park, Appi Reddy Mandhapati, Walter J. Wever, Dayoung Park, Richard D. Cummings and Elliot L. Chaikof*



Novel 1,2-*cis*-stereoselective glycosylations utilizing organoboron reagents and their application to natural products and complex oligosaccharide synthesis

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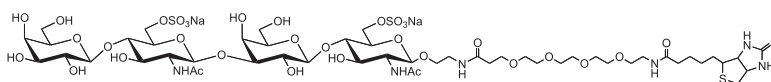
Daisuke Takahashi*, Masamichi Tanaka, Nobuya Nishi and Kazunobu Toshima**



Synthesis of a biotinylated keratan sulfate tetrasaccharide composed of dimeric Gal β 1-4GlcNAc6S β

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Naoko Takeda-Okuda*, Yoshiki Yamaguchi, Jun Uzawa and Jun-ichi Tamura**

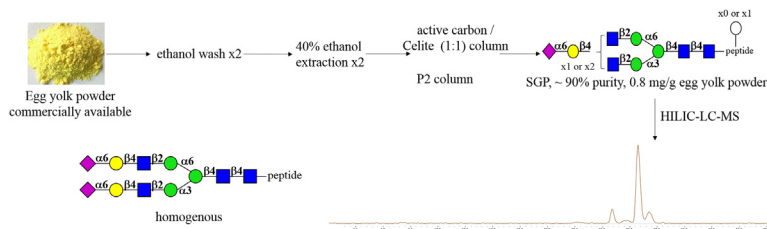


We achieved the stereocontrolled synthesis of keratan sulfate tetrasaccharide; Gal β 1-4GlcNAc6S β 1-3Gal β 1-4GlcNAc6S β having sulfate groups at both 6-OH of two GlcNAc residues and linking to biotin via hydrophilic linker.

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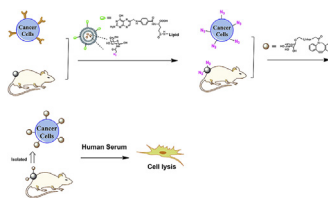
Lin Liu, Anthony R. Prudden, Gerlof P. Bosman and Geert-Jan Boons*



Chemical remodeling cell surface glycans for immunotargeting of tumor cells

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Xuexia Li, Xiaoyan Xu, Xiongjian Rao, Yinping Tian and Wen Yi*



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