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Carbohydrate
RESEARCH

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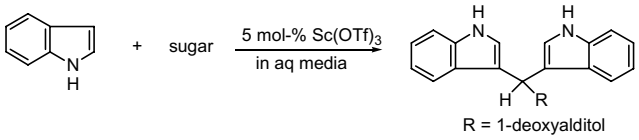
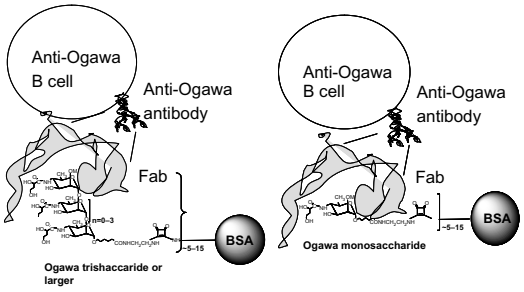
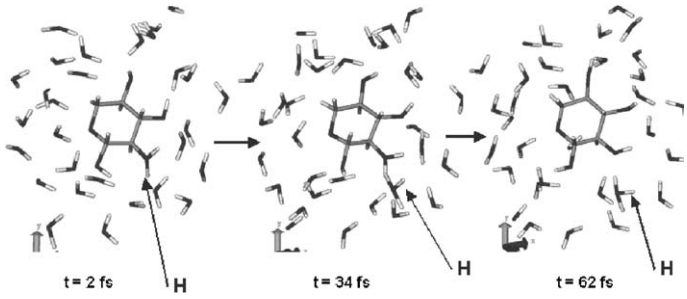




NeuAcα(2→3)Galβ(1→4)GlcNAcβ(1→2)Man NeuAcα(2→6)Galβ(1→4)GlcNAcβ(1→2)Man



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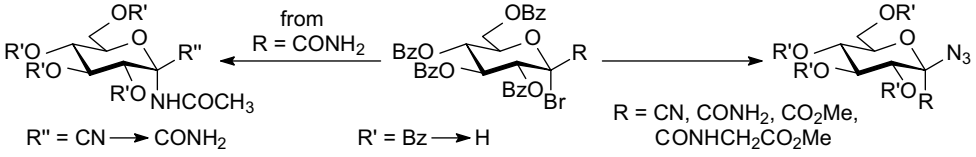
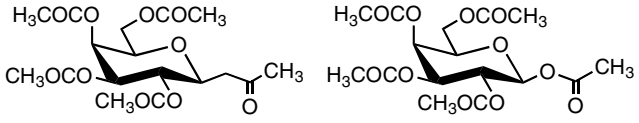


The new compounds are weak inhibitors of muscle glycogen phosphorylase *b*.



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*Corresponding author
ⓘ+ Supplementary data available via ScienceDirect

COVER

Model of blood group A trisaccharide in the binding site of the *Dolichos biflorus* lectin as established by a combination of theoretical and experimental approaches. Molecular modeling of the oligosaccharide demonstrated that two different conformations could be adopted by the trisaccharide in the binding site. NMR experiments using transferred nuclear Overhauser effects (TRNOE) displayed intermolecular contacts (blue arrows) corresponding to only one of the two theoretical conformations. This work is a collaboration between Anne Imberty (CERMAV, Grenoble) and Thomas Peters (University of Lübeck) and was presented during the XXIInd International Carbohydrate Symposium (Glasgow, 2004) on the occasion of the Whistler award.

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