



Carbohydrate Research Vol 430, 2016

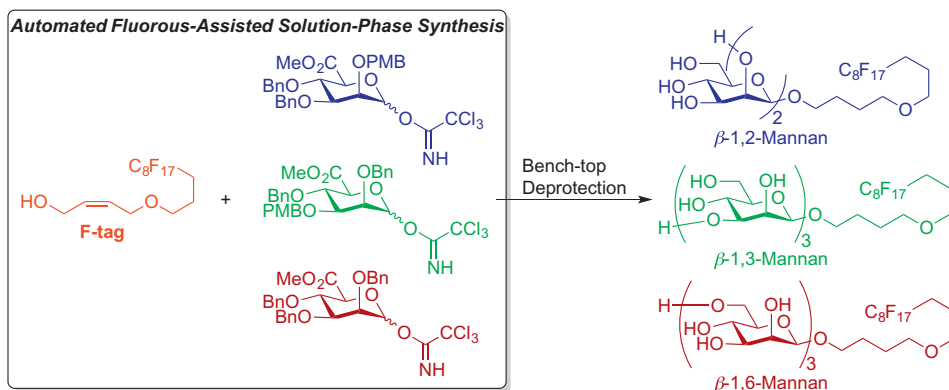
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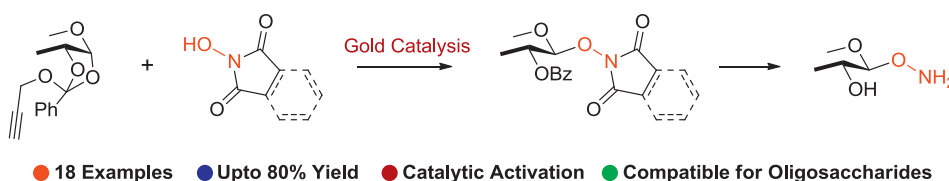
Shu-Lun Tang and Nicola L.B. Pohl*



Facile synthesis of aminoxy glycosides by gold(III)-catalyzed glycosidation

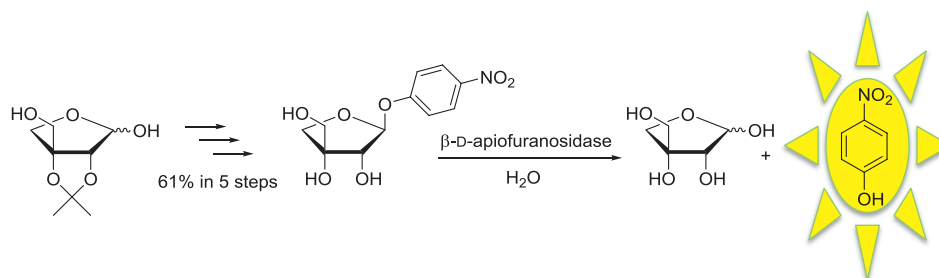
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Shivaji A. Thadke, Mahesh Neralkar and Srinivas Hotha*

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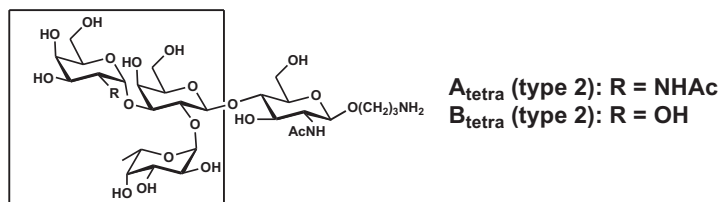
Peter Kis, Elena Potocká, Vladimír Mastihuba and Mária Mastihubová*



Block synthesis of A (type 2) and B (type 2) tetrasaccharides related to the human ABO blood group system

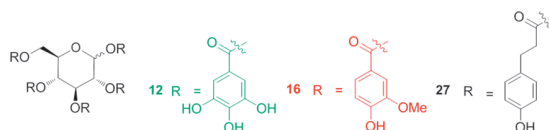
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Ivan M. Ryzhov, Elena Yu. Korzhagina*, Inna S. Popova, Tatiana V. Tyrtysh, Alexander S. Paramonov and Nicolai V. Bovin*

**1,2,3,4,6-Pentakis[O-(3,4,5-trihydroxybenzoyl)]-α,β-D-glucopyranose (PGG) analogs: design, synthesis, anti-tumor and anti-oxidant activities**

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Qurat-ul-ain Shaikh, Meiting Yang, Khadim Hussain Memon, Mehreen Lateef, Du Na, Shengbiao Wan, Deslandes Eric, Lijuan Zhang* and Tao Jiang*

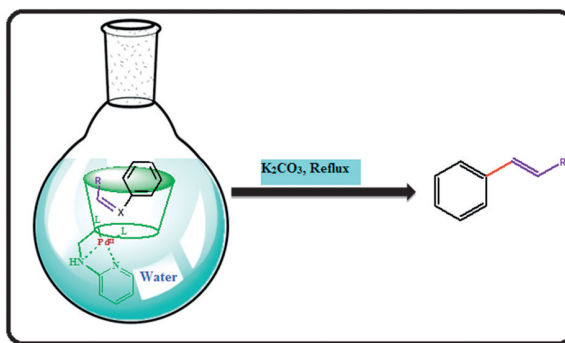
IC₅₀ of selected compounds against tumor cell

Compounds	IC ₅₀ (μM)			
	HCT116	HT29	A549	H1299
Doxorubicin	0.20±0.09	0.35±0.07	0.32±0.06	6.70±0.59
12	1.61±0.36	4.46±1.16	3.02±0.50	3.84±0.58
16	2.02±0.28	1.76±0.23	4.16±1.01	3.65±0.10
27	6.03±0.55	4.55±0.88	7.44±0.48	6.31±1.45

Functionalized β-cyclodextrin as supramolecular ligand and their Pd(OAc)₂ complex: highly efficient and reusable catalyst for Mizoroki–Heck cross-coupling reactions in aqueous medium

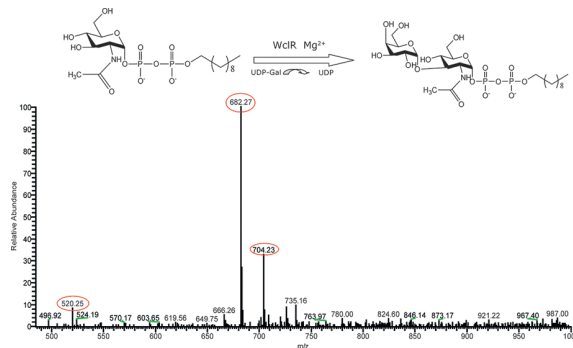
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Someshwar D. Dindulkar, Daham Jeong, Hwanhee Kim and Seunho Jung*

**Biochemical characterization of the novel α-1, 3-galactosyltransferase Wc1R from Escherichia coli O3**

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Chao Chen, Bin Liu, Yongchang Xu, Natalia Utkina, Dawei Zhou, Leonid Danilov, Vladimir Torgov, Vladimir Veselovsky and Lu Feng*



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