

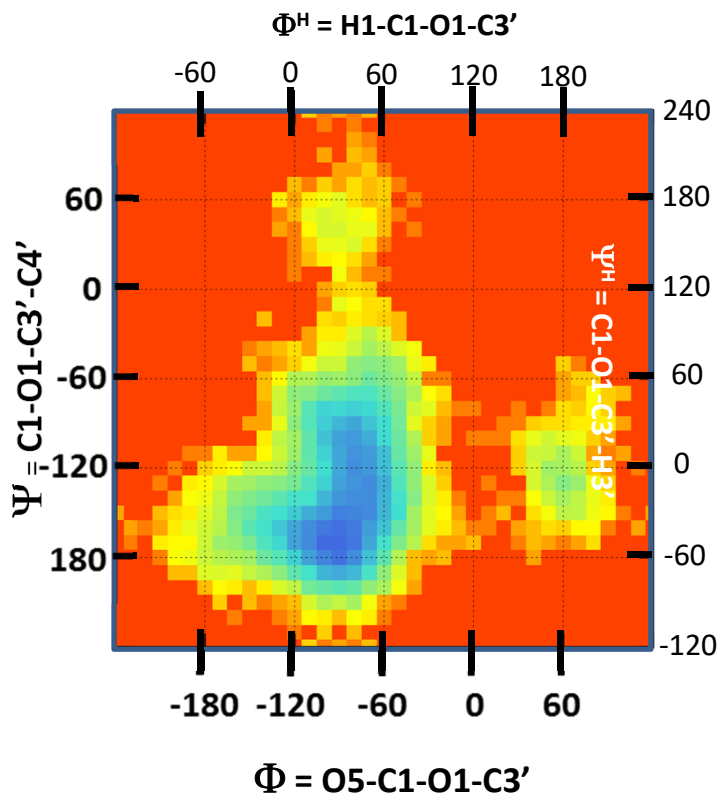
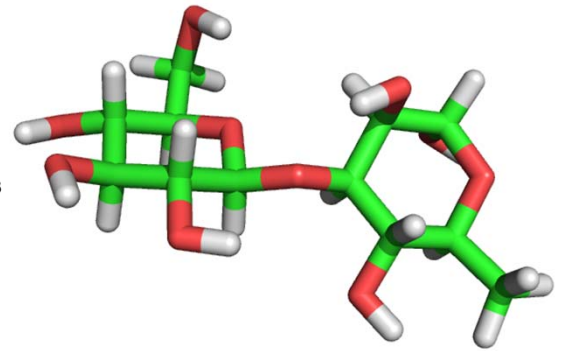
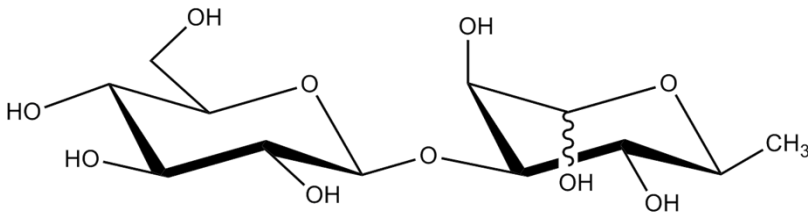
$\beta$ -D-Glcp 1-3 L-Rhap



$\beta$ 1-3



Glc  $\beta$ 1-3 Rha

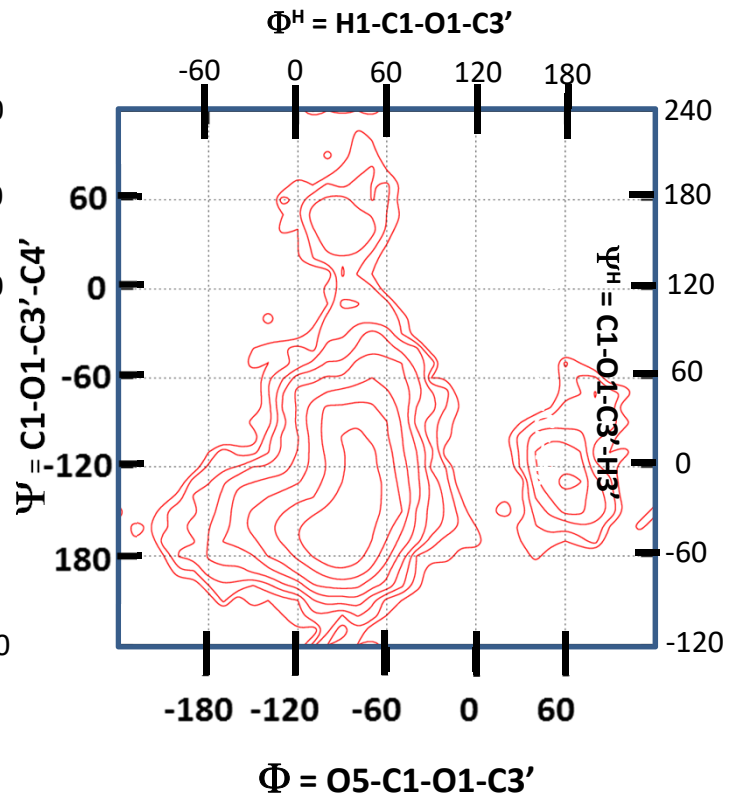


Conf 1 ( $\Phi, \Psi$ ) = -100; -170

Conf 2 ( $\Phi, \Psi$ ) = -90; -120

Conf 3 ( $\Phi, \Psi$ ) = -90; 50

Conf 4 ( $\Phi, \Psi$ ) = 60; -130



Conf 1 ( $\Phi^H, \Psi^H$ ) = 20; -50

Conf 2 ( $\Phi^H, \Psi^H$ ) = 30; 0

Conf 3 ( $\Phi^H, \Psi^H$ ) = 30; 170

Conf 4 ( $\Phi^H, \Psi^H$ ) = 180; -10