Double Diastereoselection in Anti Aldol Reactions Mediated by Dicyclohexylchloroborane between An L-Erythrulose Derivative and Chiral Aldehydes

Santiago Díaz-Oltra,^a Purificación Ruiz,^a Eva Falomir,^a Juan Murga,^a Miguel Carda,^a and J. Alberto Marco^b

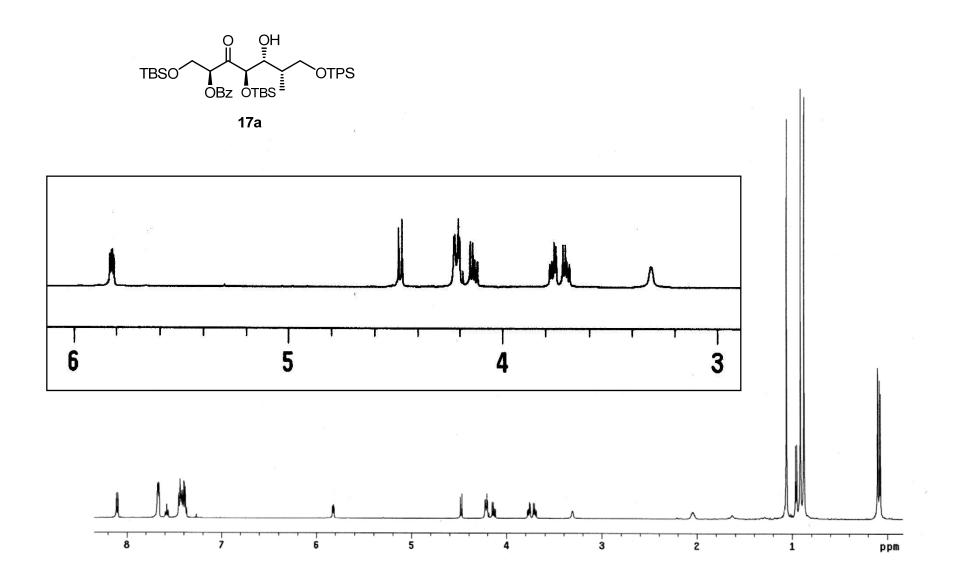
^aDepartamento de Química Inorgánica y Orgánica, Universidad Jaume I, E-12071 Castellón, Spain; and ^bDepartamento de Química Orgánica, Universidad de Valencia, E-46100 Burjassot, Valencia, Spain

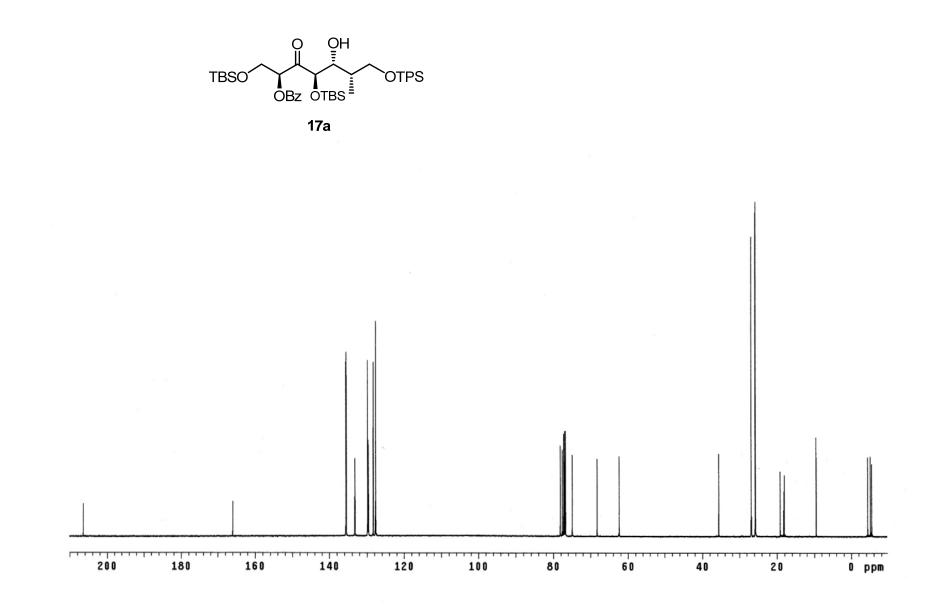
Supporting Information

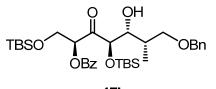
Contents:

S-2/S-31: ¹H and ¹³C NMR spectra of aldols 17-20 and intermediates 21-25

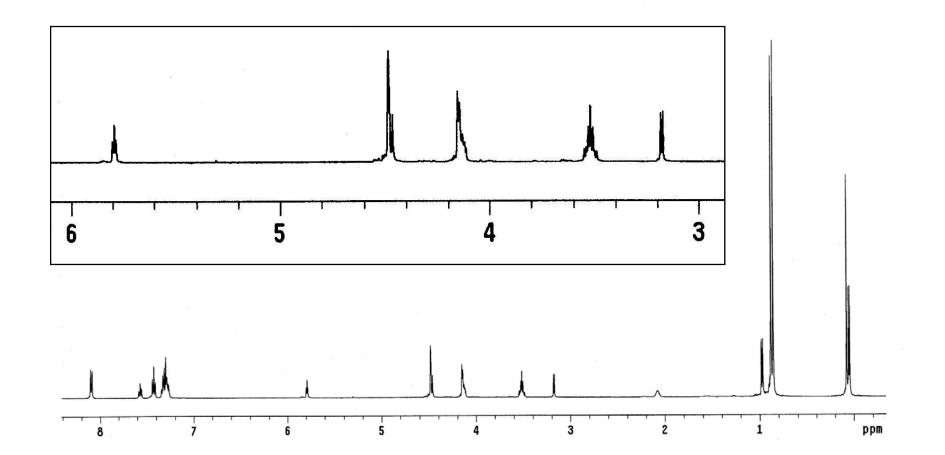
<u>NMR Spectra of new compounds</u>

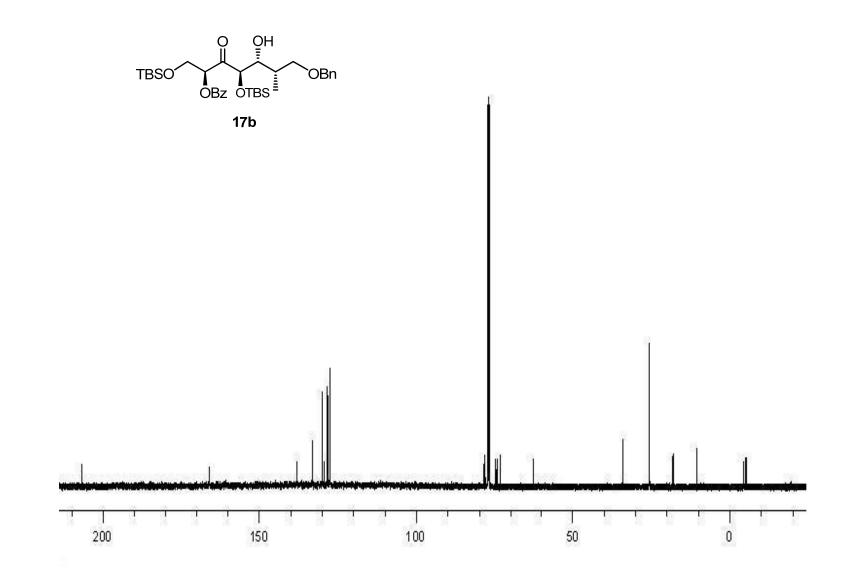


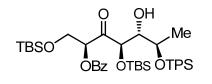




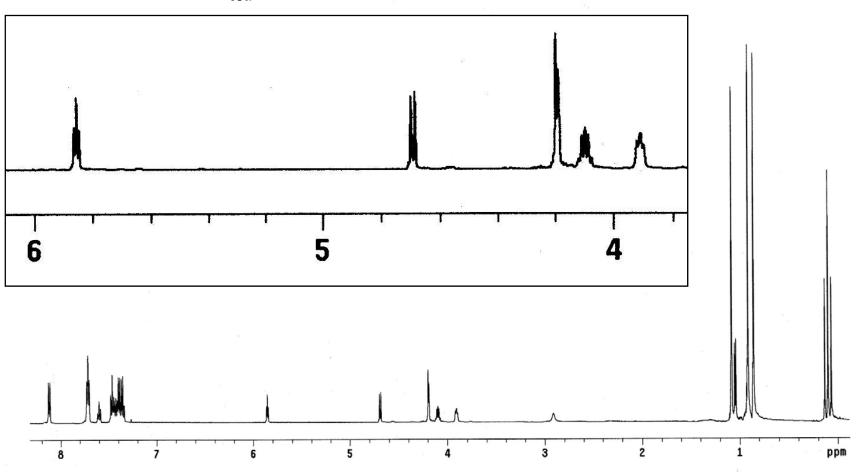






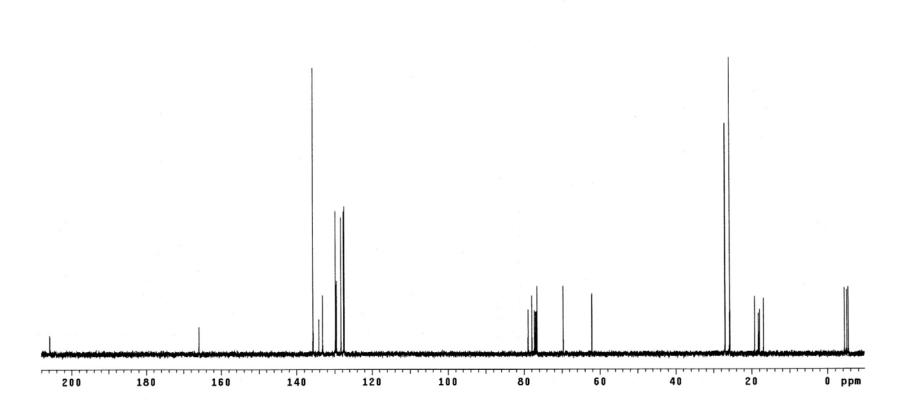


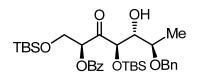
18a



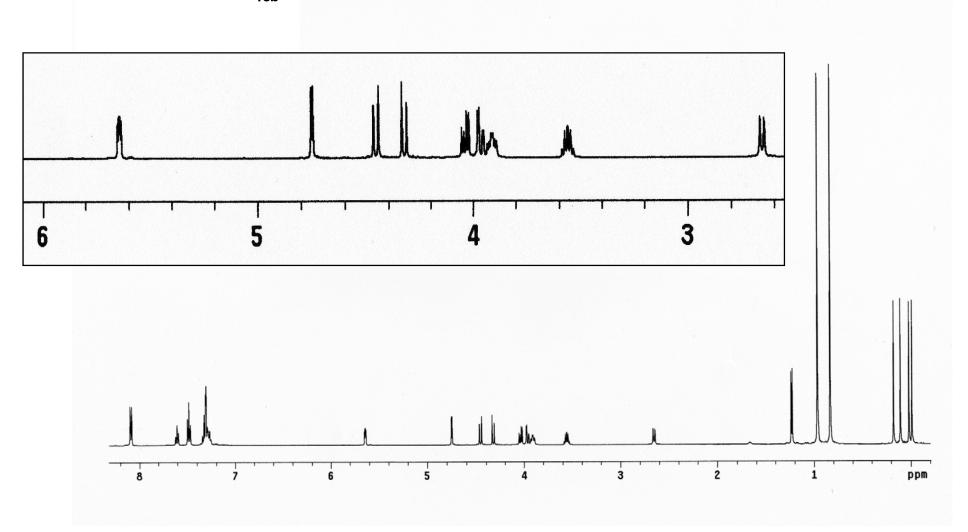
TBSO OBZ OTBS OTPS

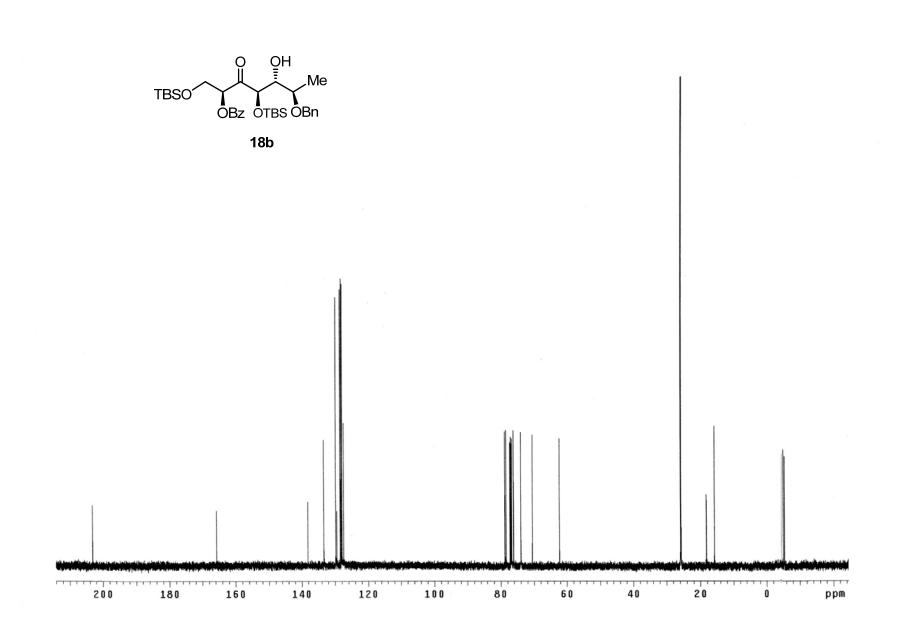


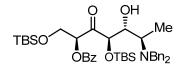




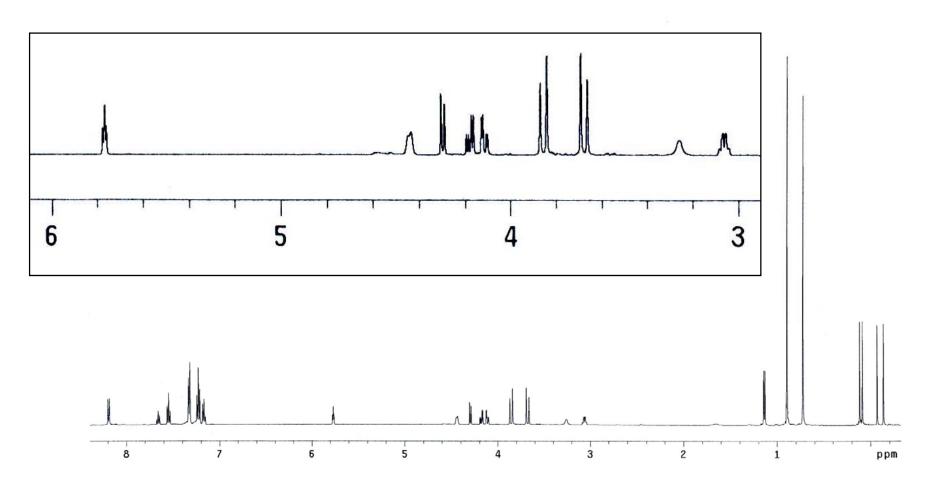
18b

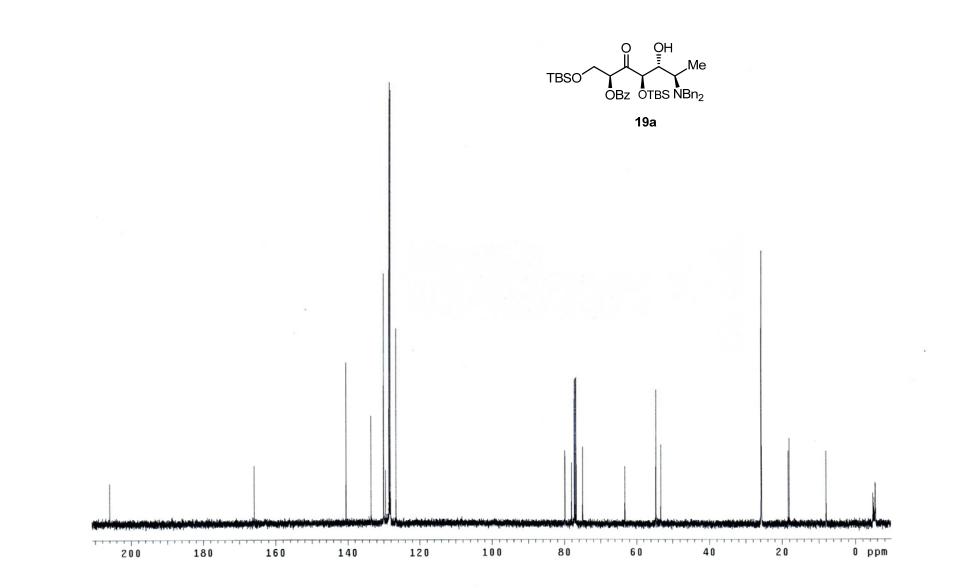


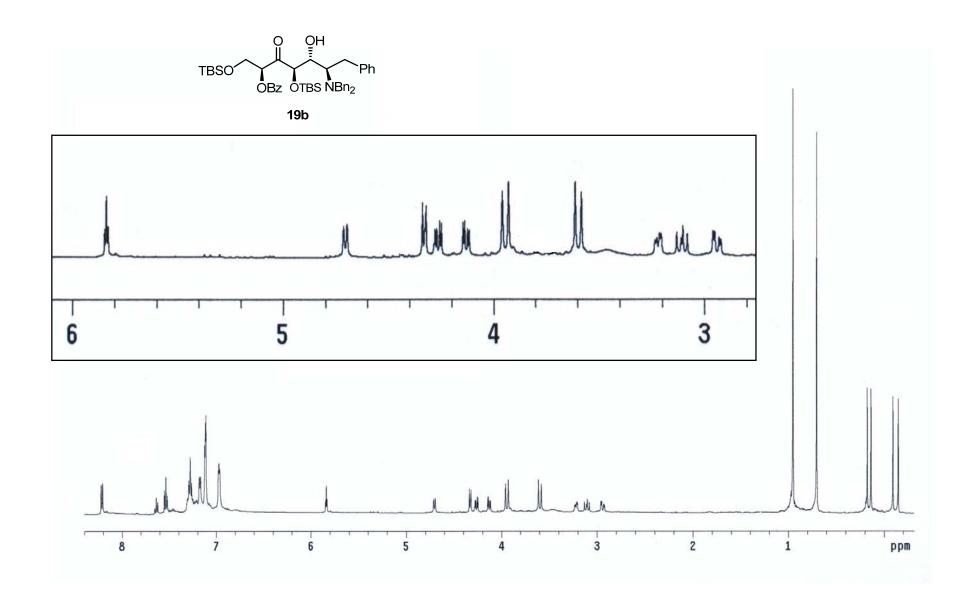


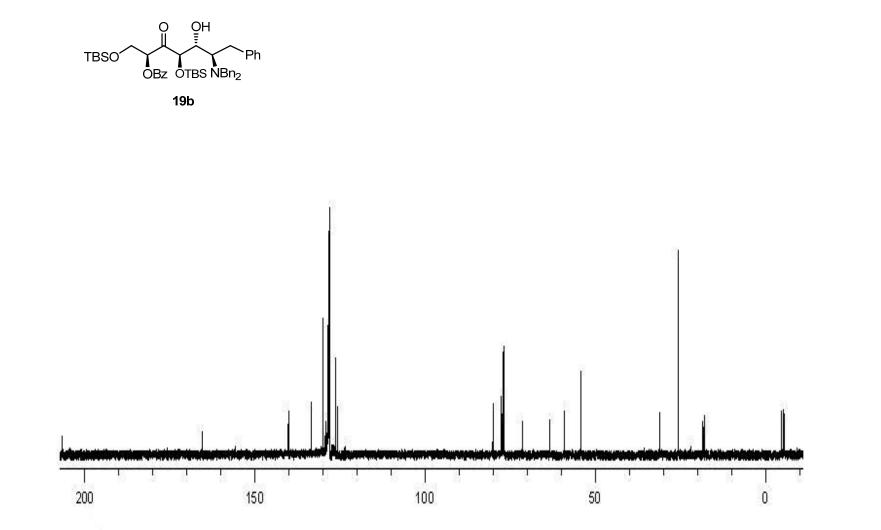


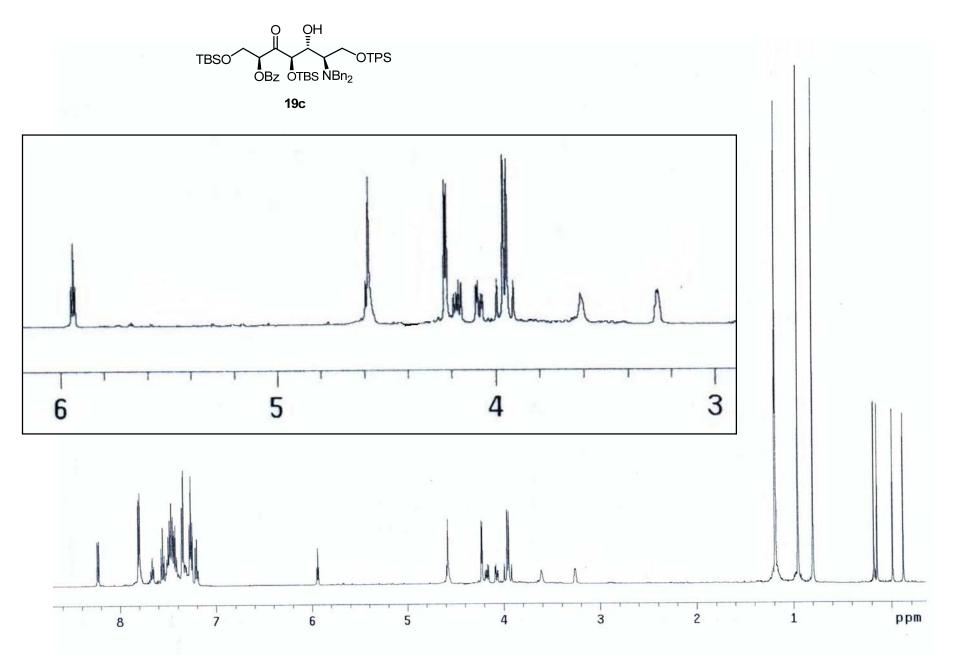


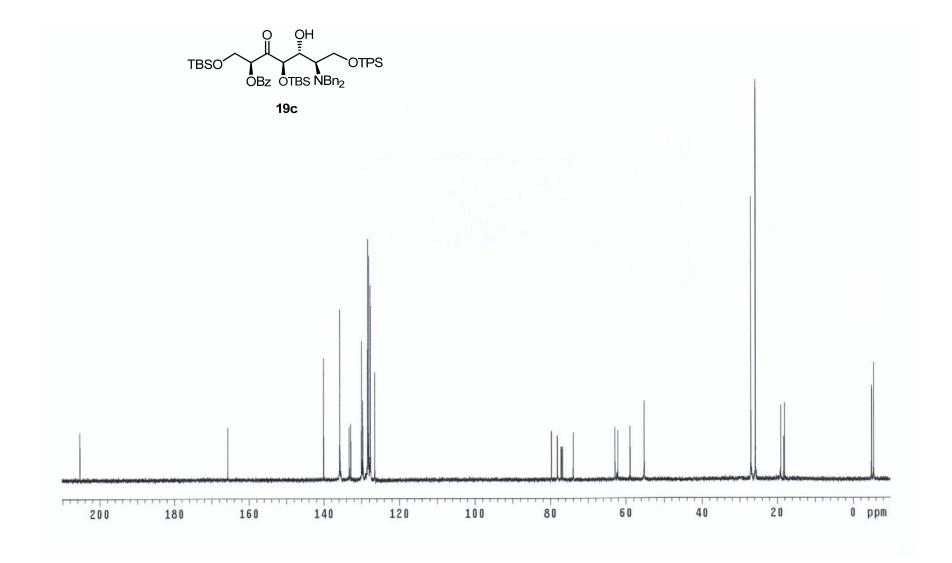


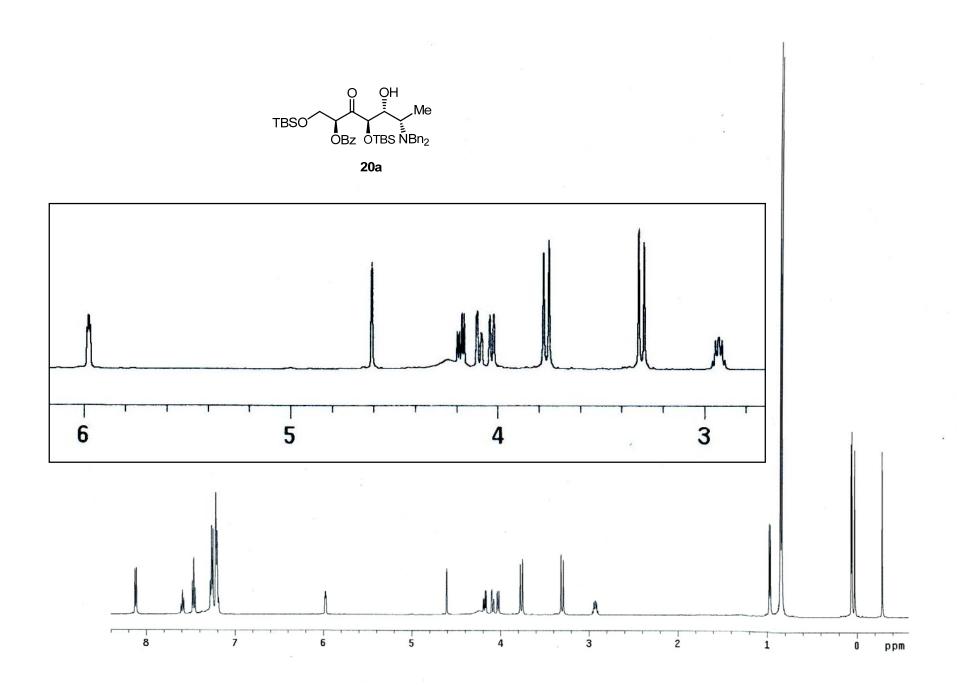


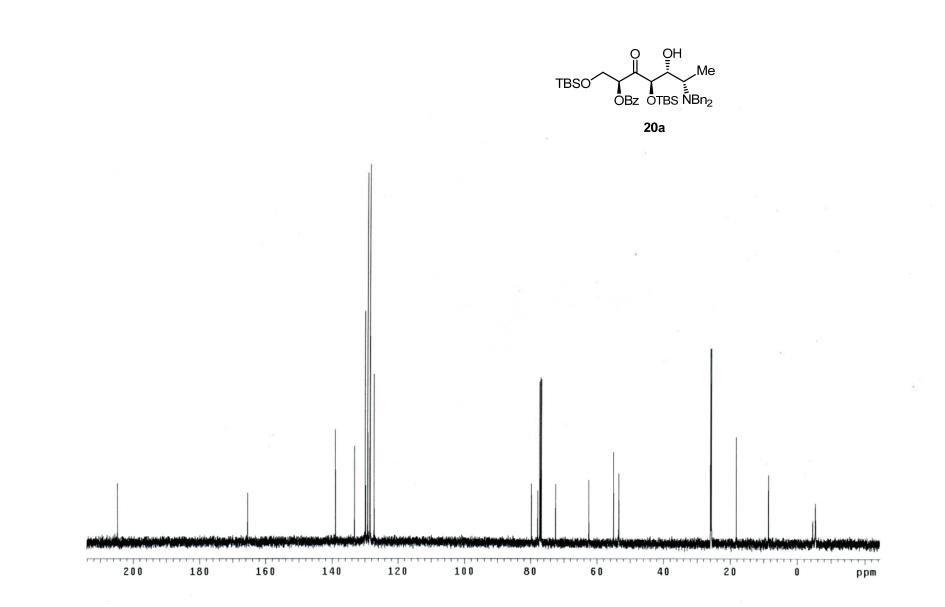




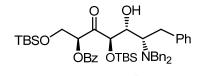




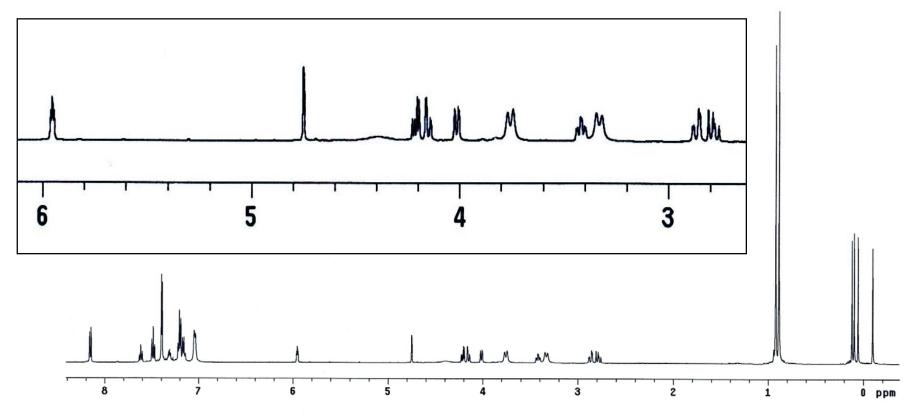


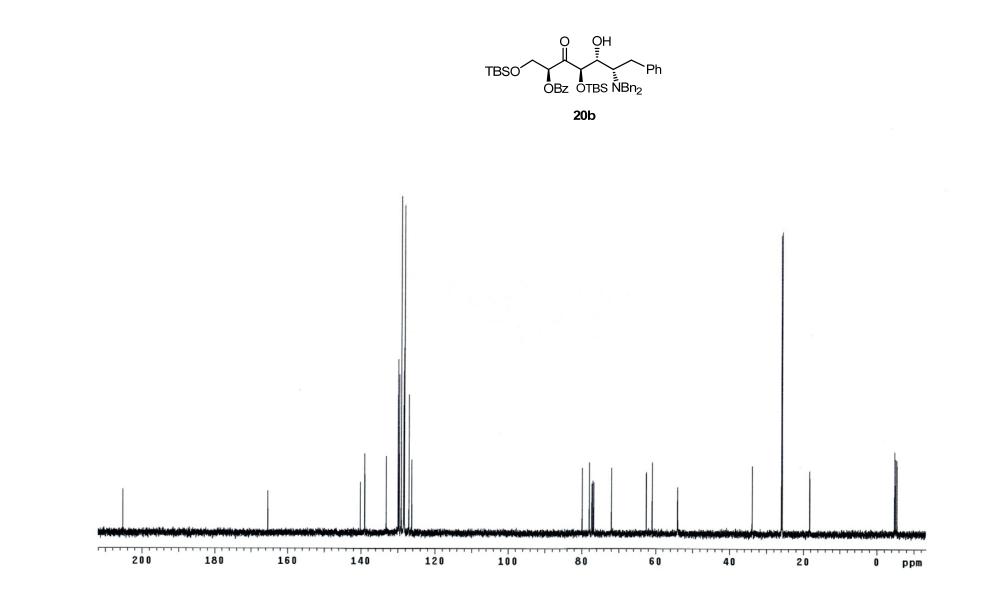


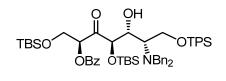
S-17



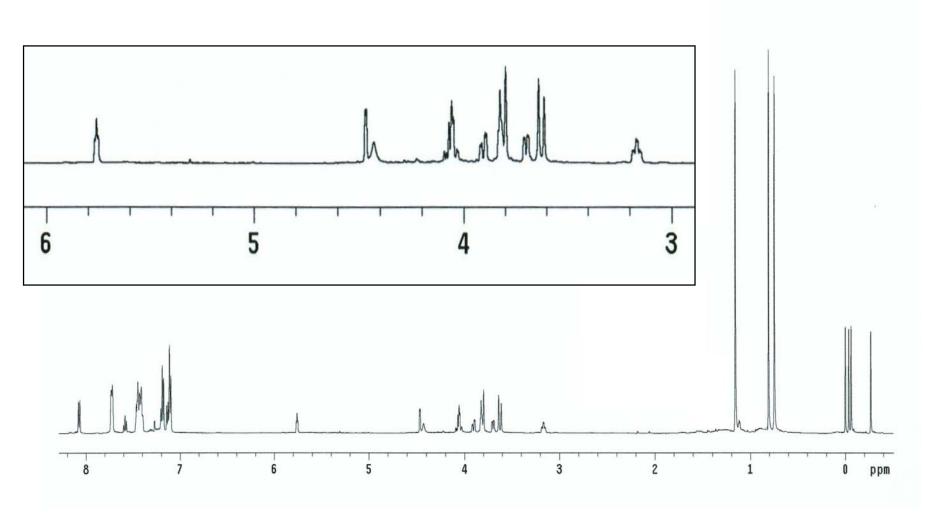






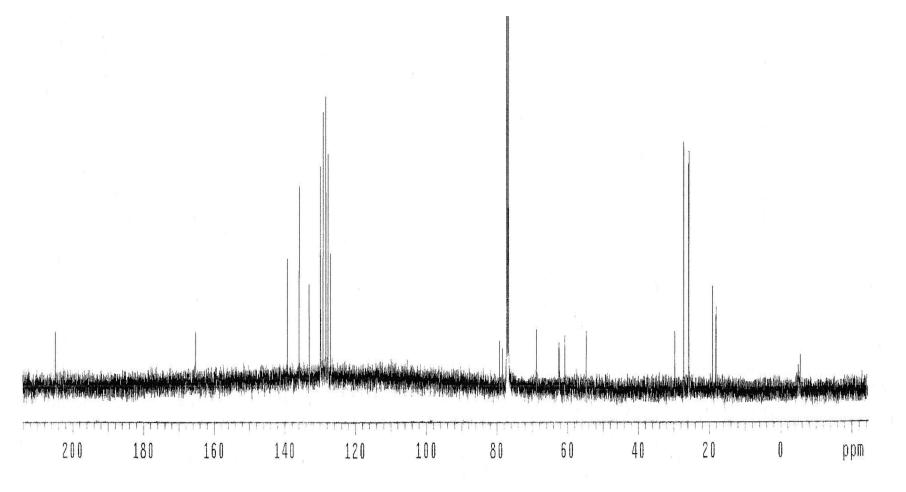


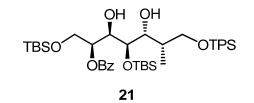
20c

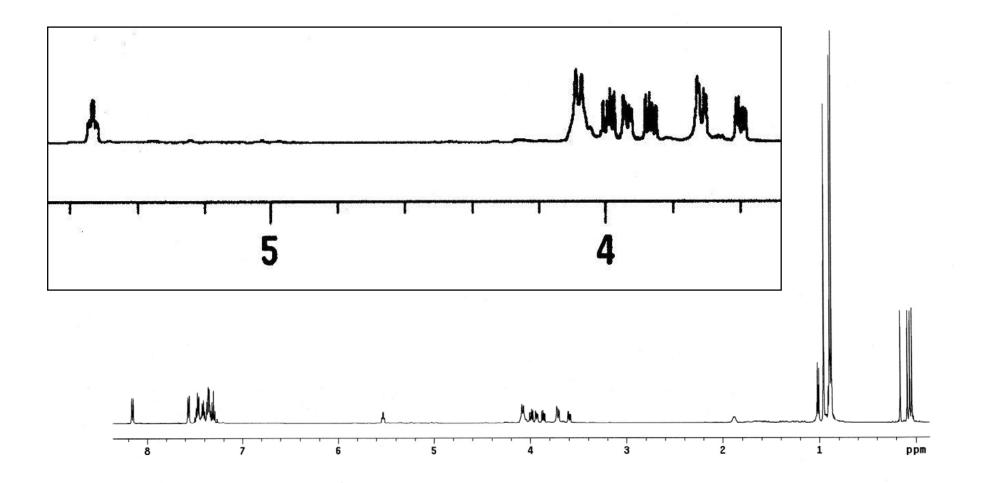


TBSO OBZ OTBS NBn2

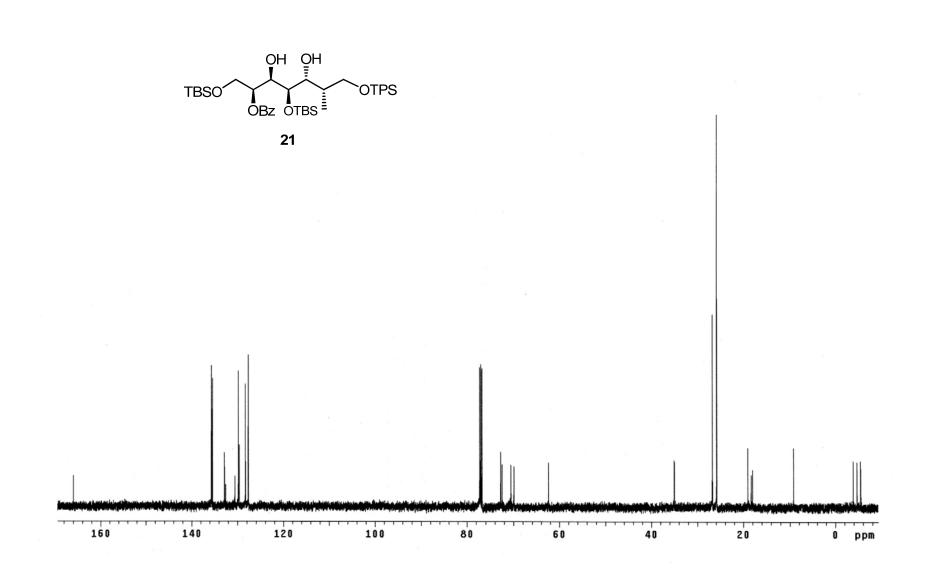
20c

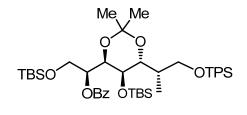


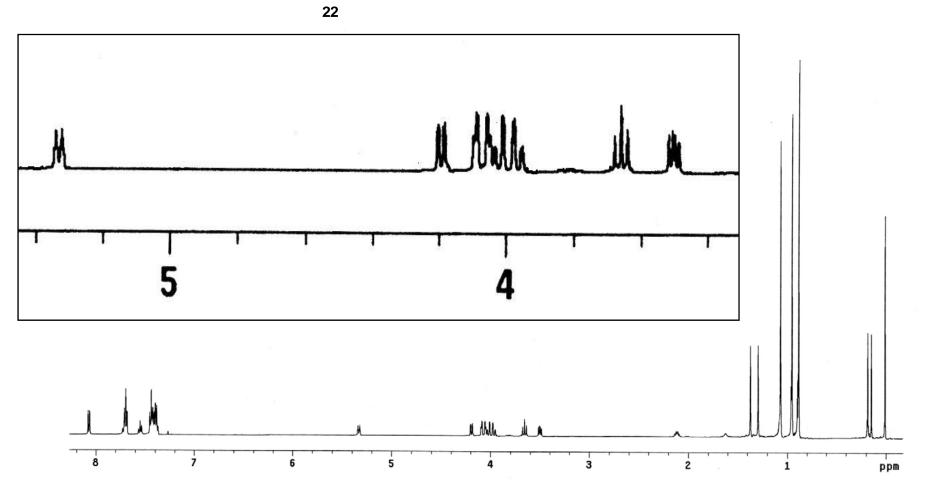


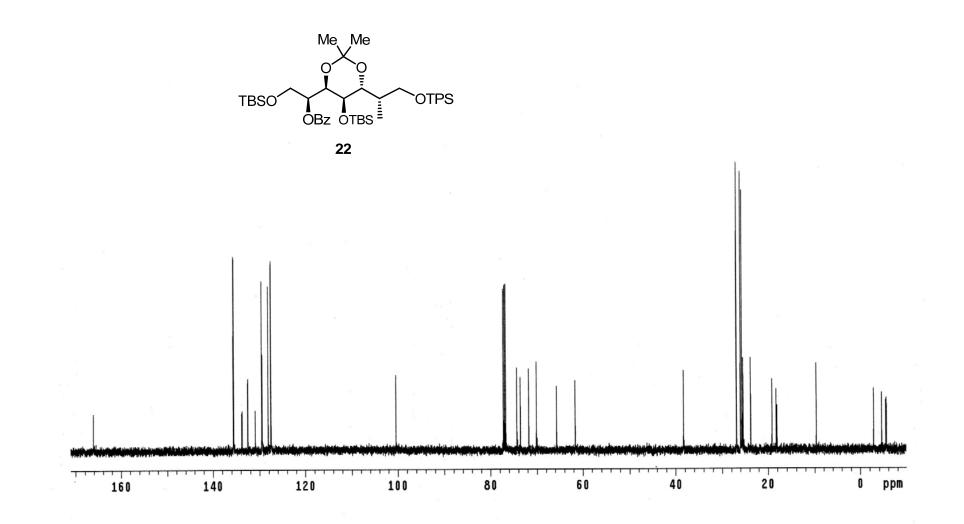


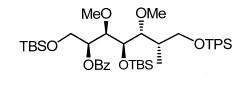
S-22



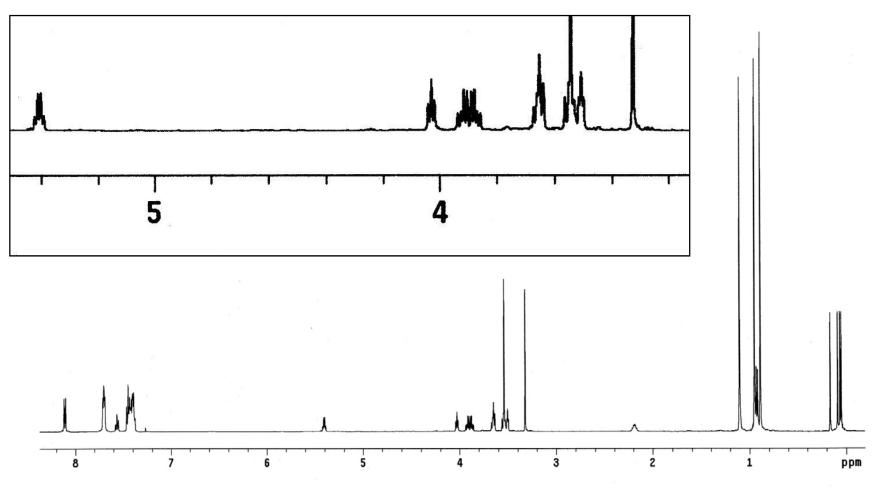


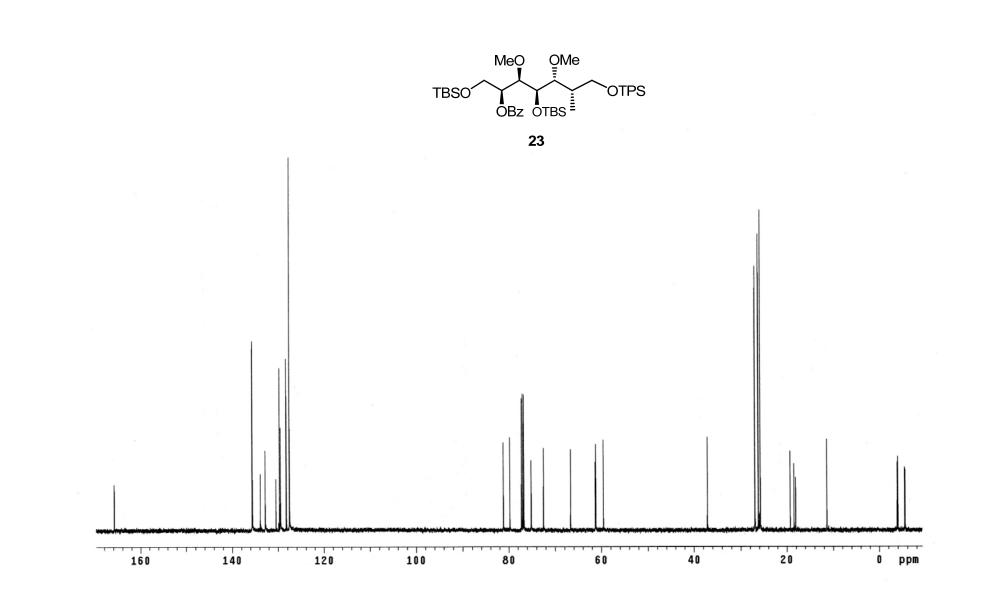


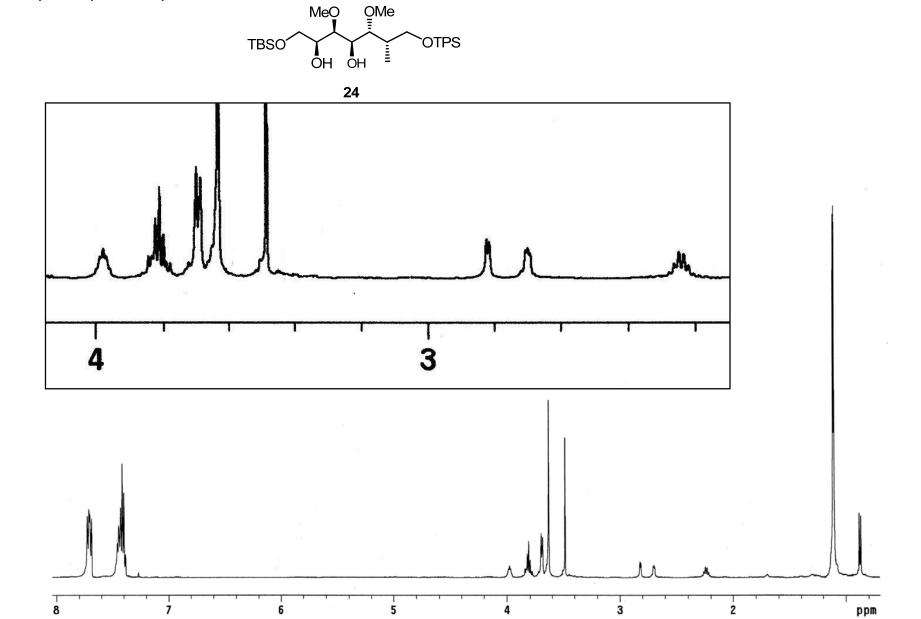












S-28

