

Supplementary Material

Organocatalytic Michael Addition to (D)-Mannitol-Derived Enantiopure Nitroalkenes: A Valuable Strategy for the Synthesis of Densely Functionalized Chiral Molecules.

Lucia Caruso, Alessandra Puglisi, Emmerance Gillon and Maurizio Benaglia *

Dipartimento di Chimica, Università degli Studi di Milano, Via Golgi 19, 20133 Milano, Italy; lucia.caruso@unimi.it (L.C.); alessandra.puglisi@unimi.it (A.P.); emmerance.gillon@student.uclouvain.be (E.G.)

* Correspondence: Maurizio.benaglia@unimi.it; 02 5031 4171 (M.B.).

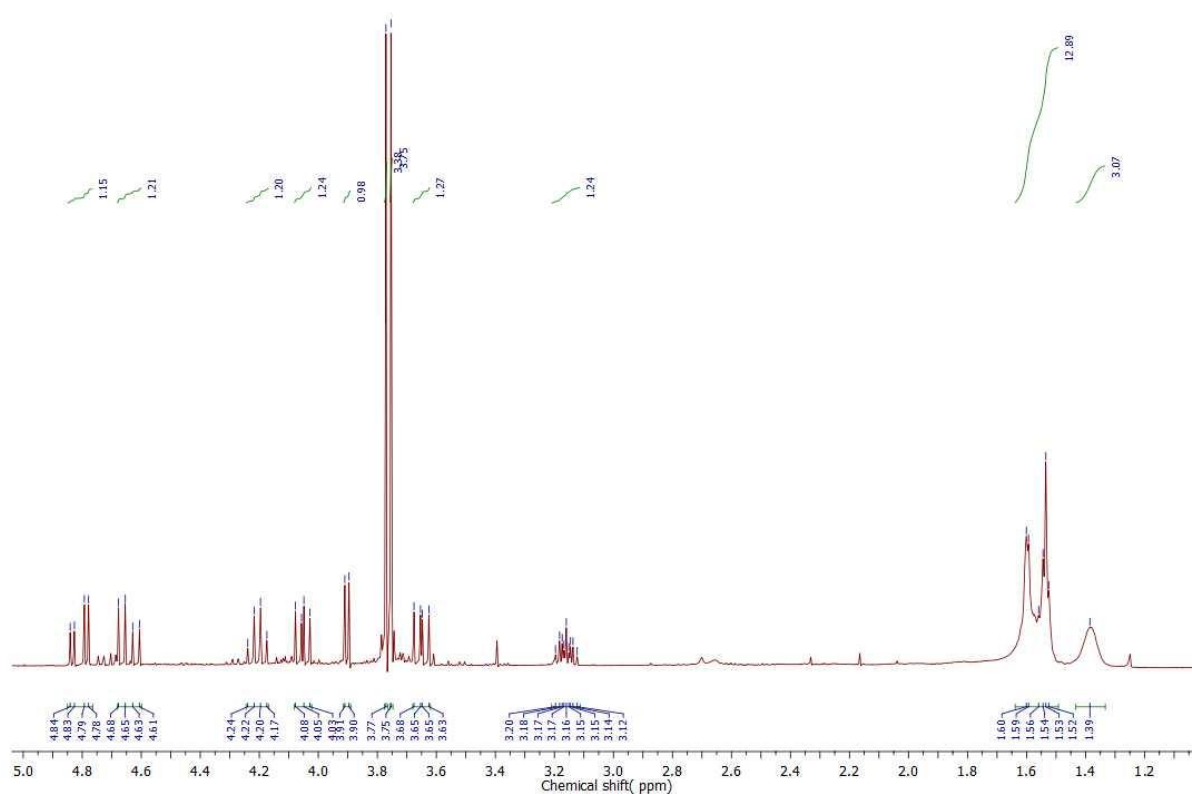


Figure S1, ^1H -NMR (300 Mhz, CDCl_3) Compounds **5a/5b** for reaction with *S,S*-Takemoto catalyst

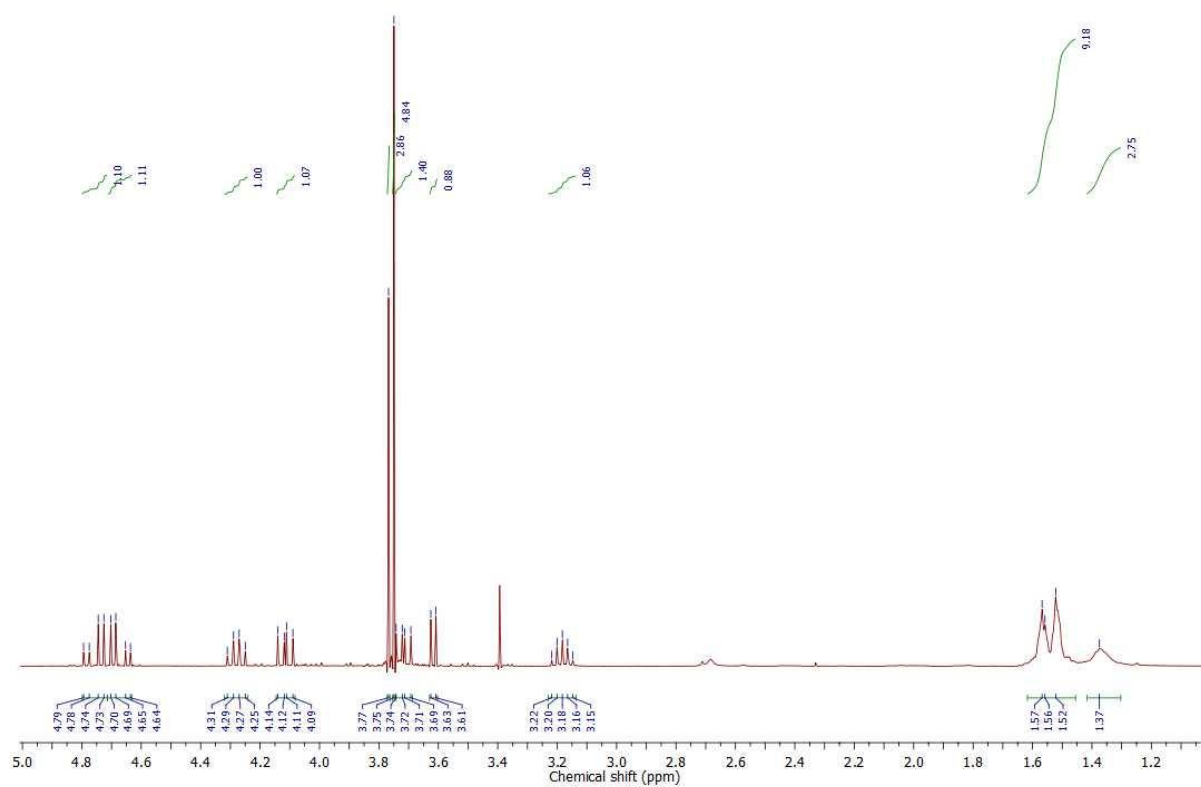


Figure S2, ^1H -NMR (300 Mhz, CDCl_3) Compounds **5b/5a** for reaction with *R,R*-Takemoto catalyst

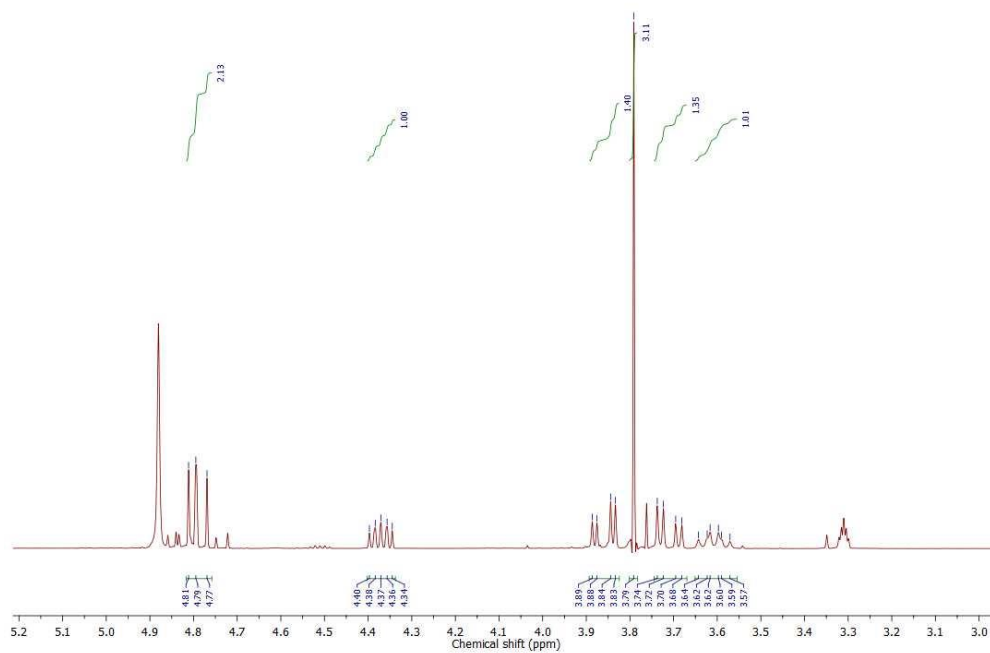


Figure S3, ^1H -NMR (300 Mhz, CD_3OD) Compound **12** for reaction with *S,S*-Takemoto catalyst

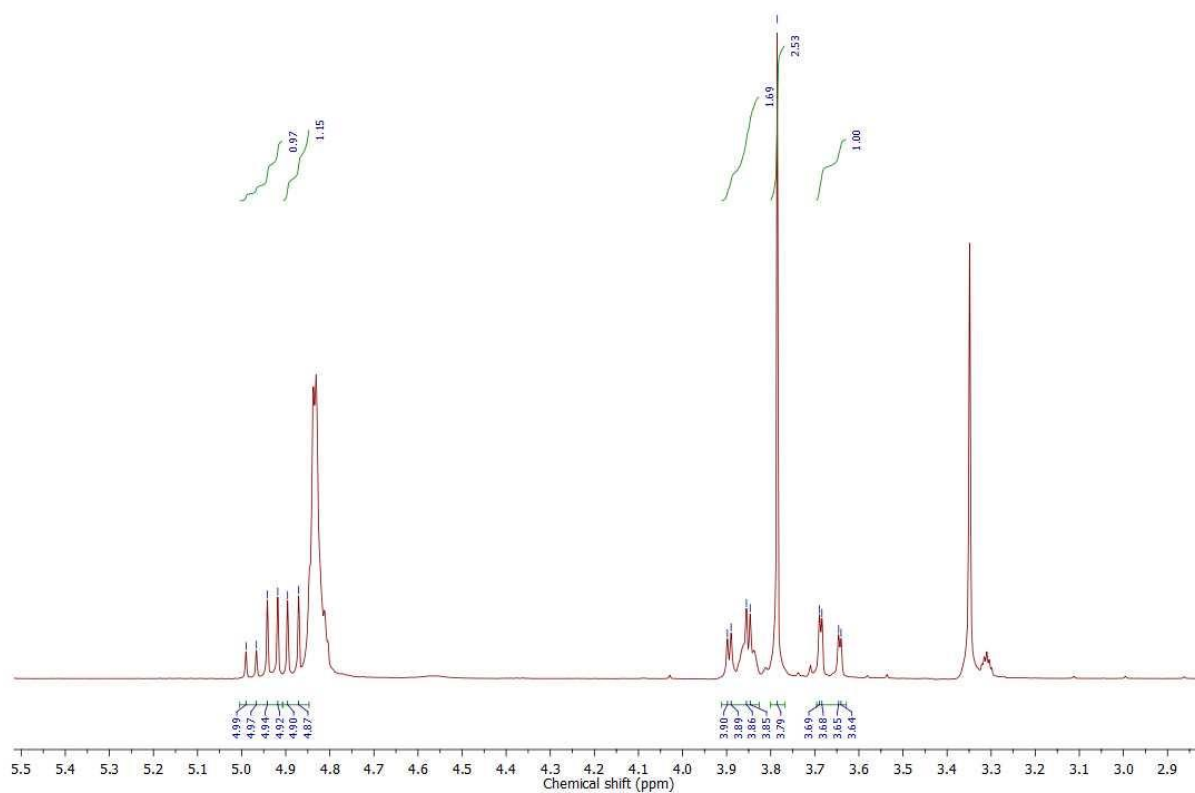


Figure S4, ^1H -NMR (300 Mhz, CD_3OD) Compound **12** for reaction with *R,R*-Takemoto catalyst

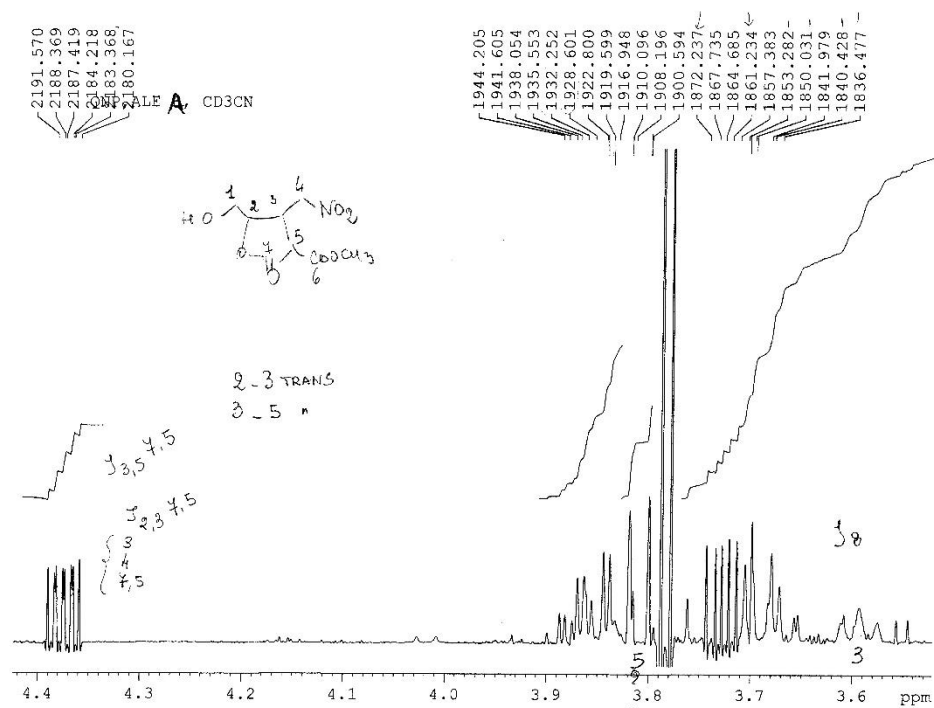


Figure S5, ¹H-NMR (300 Mhz, CD₃CN) Compound 12

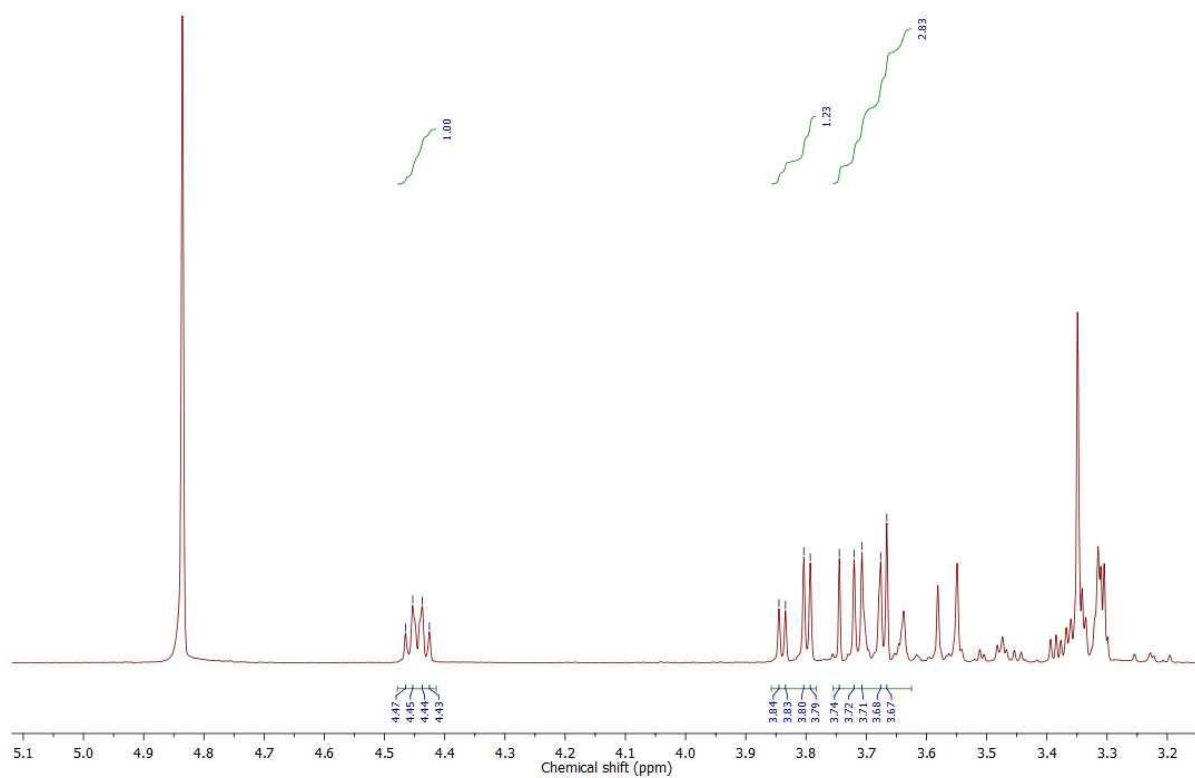


Figure S6, ¹H-NMR (300 Mhz, CH₃OD) Compound 13

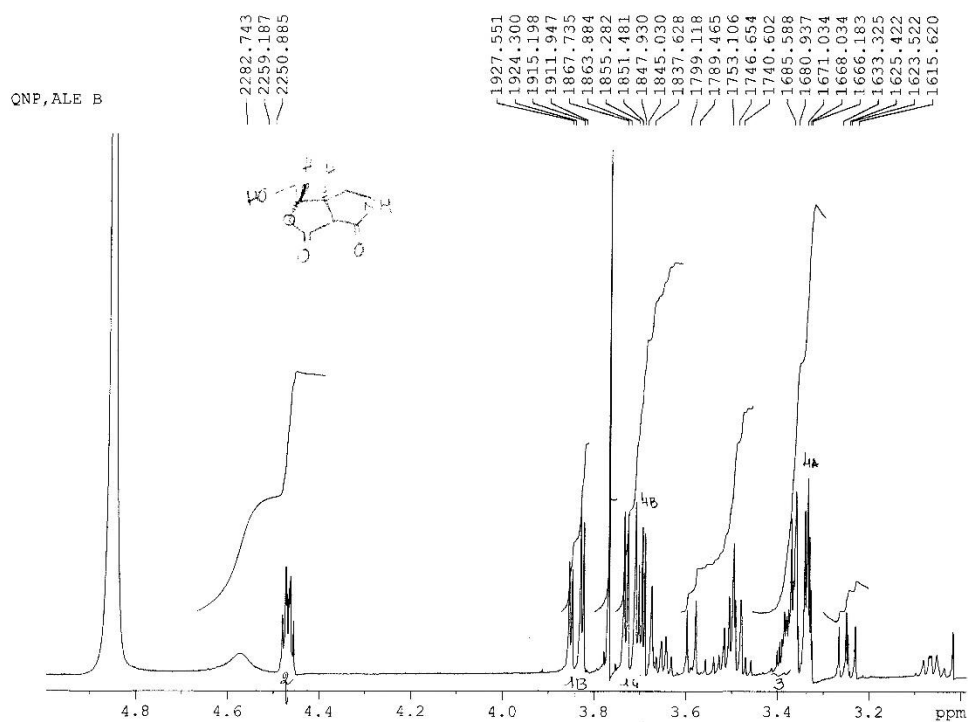


Figure S7, ^1H -NMR (500 Mhz, CD_3OD) Compound 13

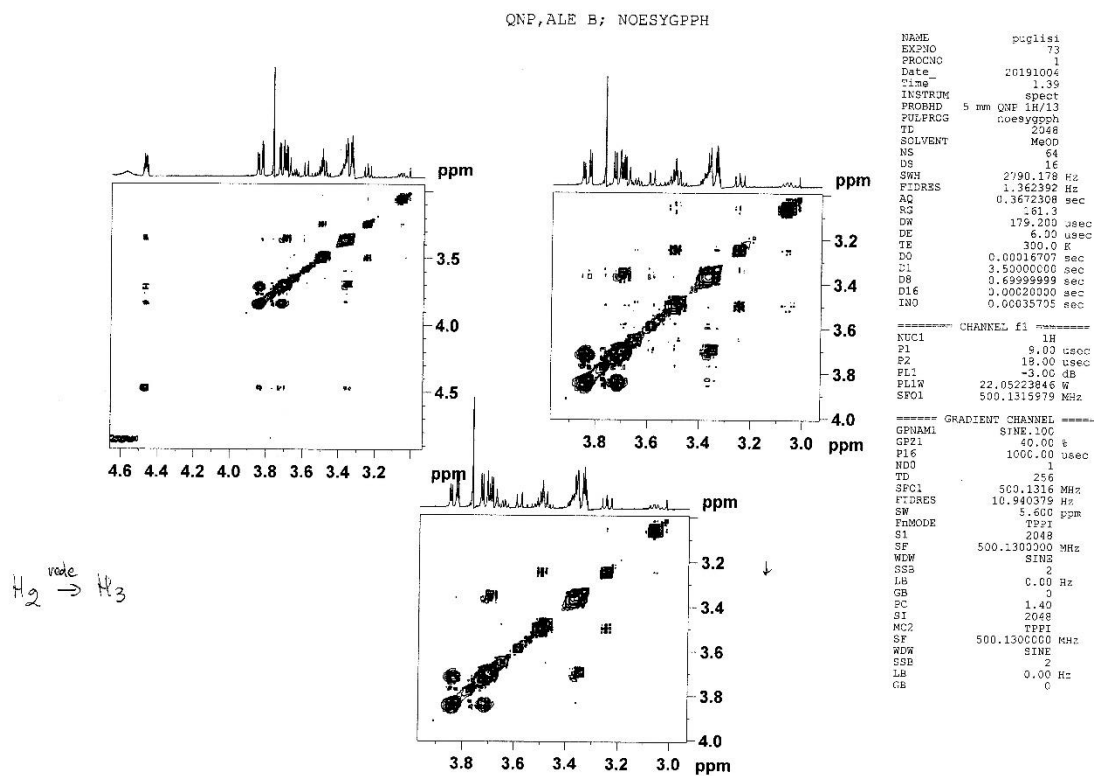


Figure S8, NOESY (500 Mhz, CD_3OD) Compound 13