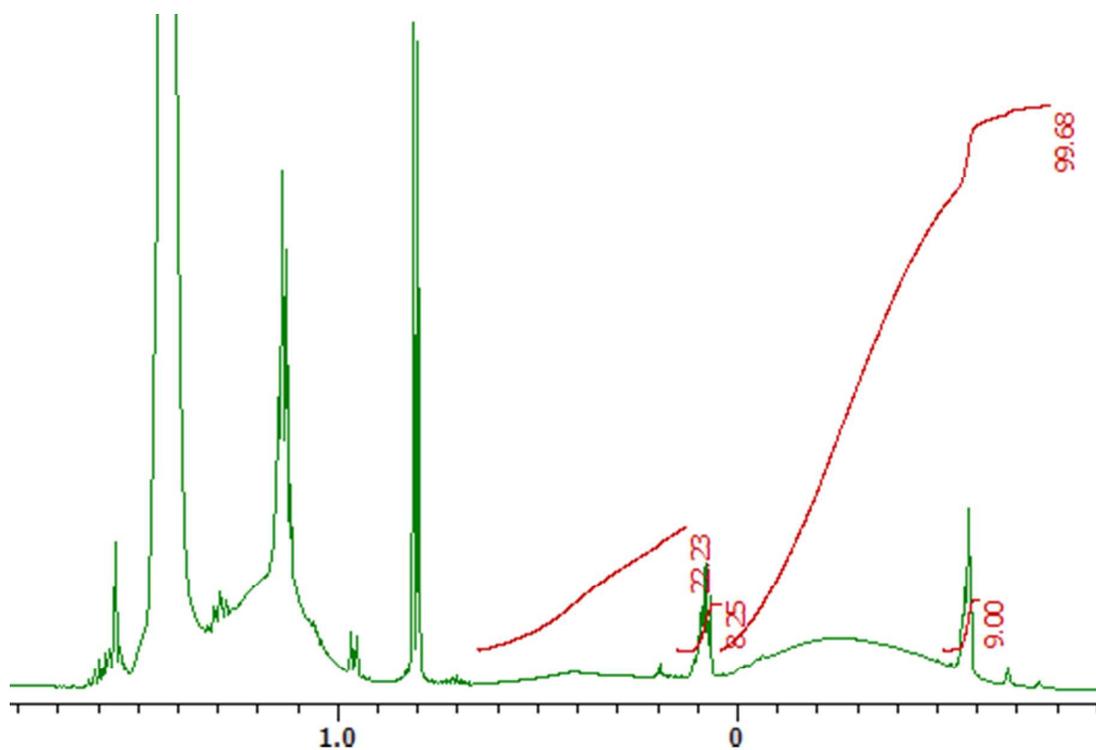


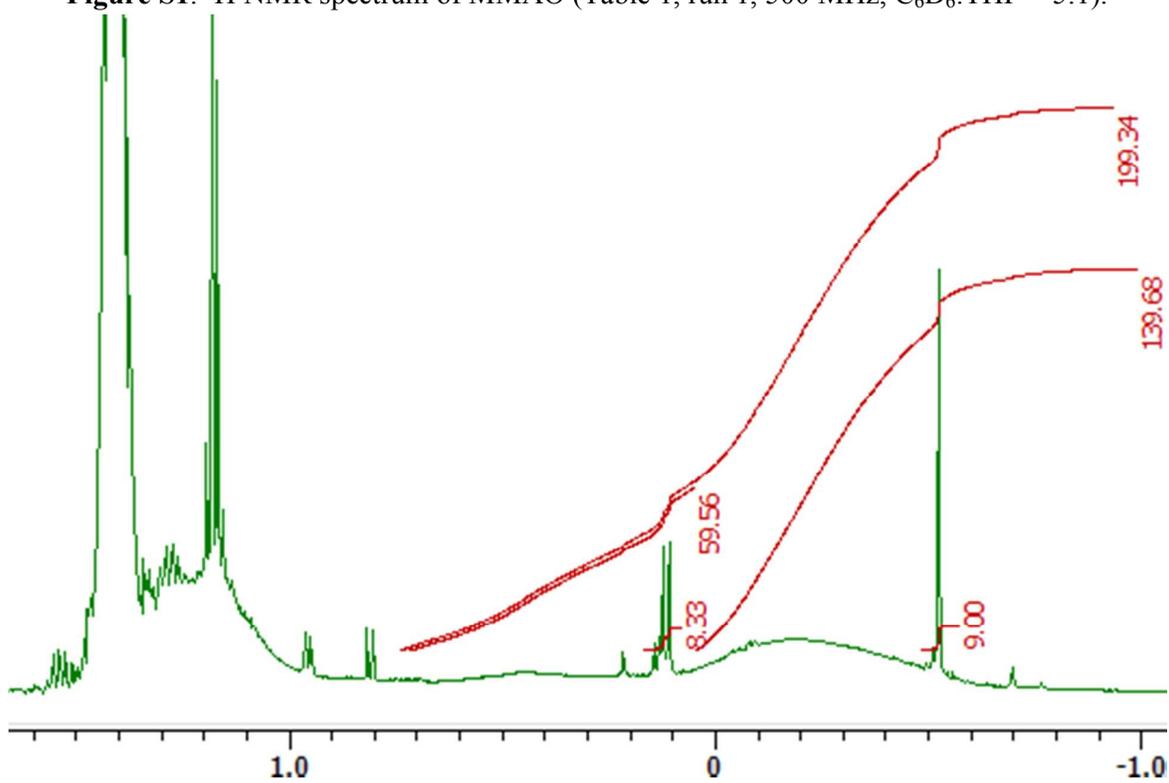
## Supporting Information

# An alternative method for the preparation of trialkylaluminum-depleted modified-methylaluminoxane (dMMAO)

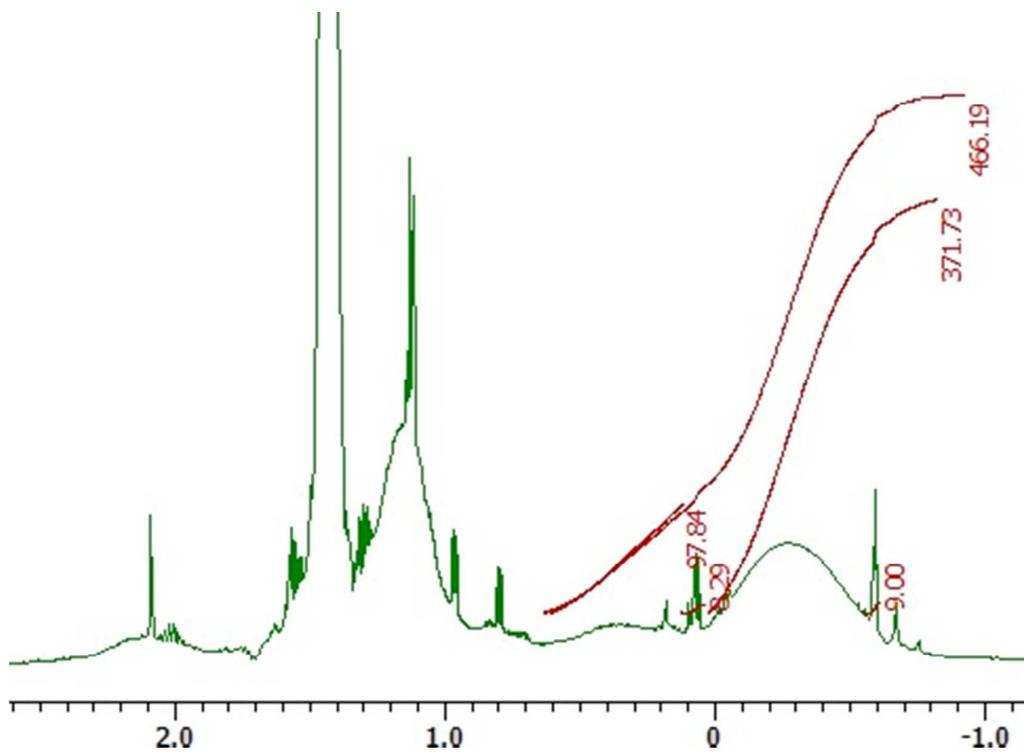
*Ryo Tanaka, Tomoyasu Kawahara, Yuto Shinto, Yuushou Nakayama, Takeshi Shiono\**



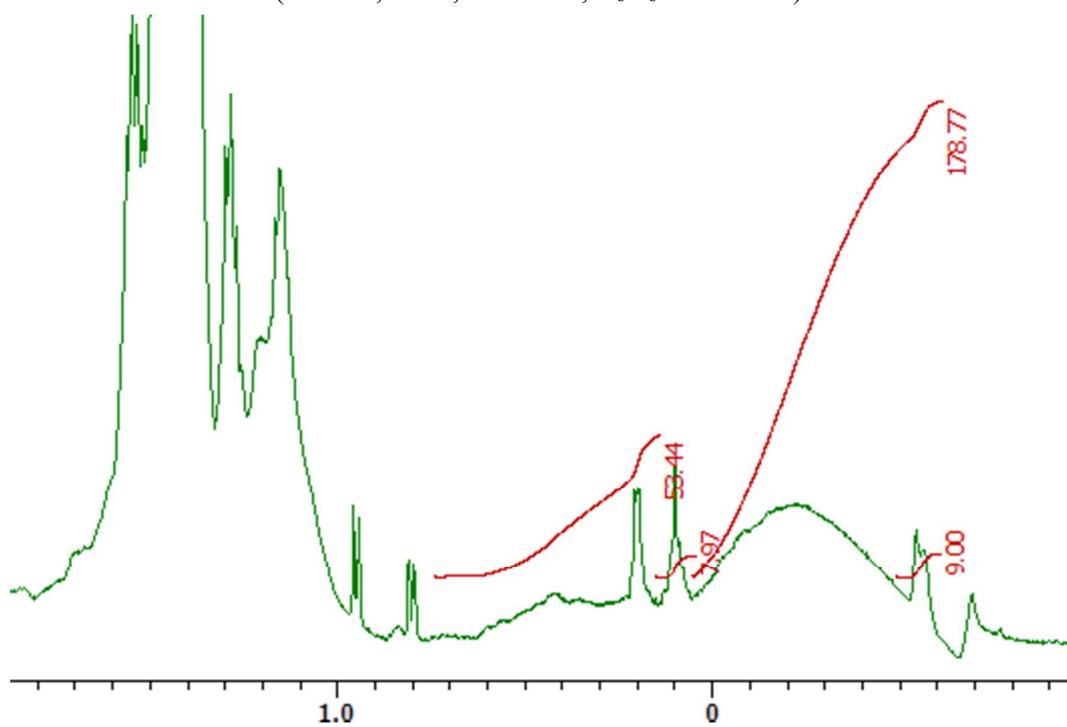
**Figure S1.** <sup>1</sup>H NMR spectrum of MMAO (Table 1, run 1, 500 MHz, C<sub>6</sub>D<sub>6</sub>:THF = 5:1).



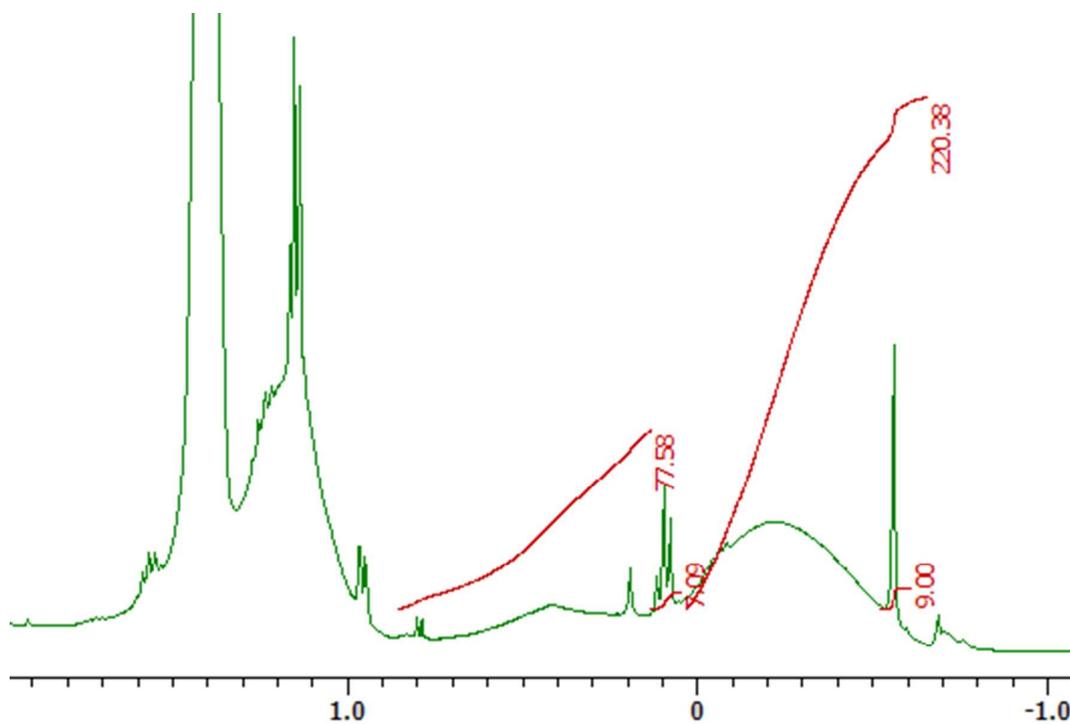
**Figure S2.** <sup>1</sup>H NMR spectrum of vacuum-dried MMAO (Table 1, run 2, 500 MHz, C<sub>6</sub>D<sub>6</sub>:THF = 5:1).



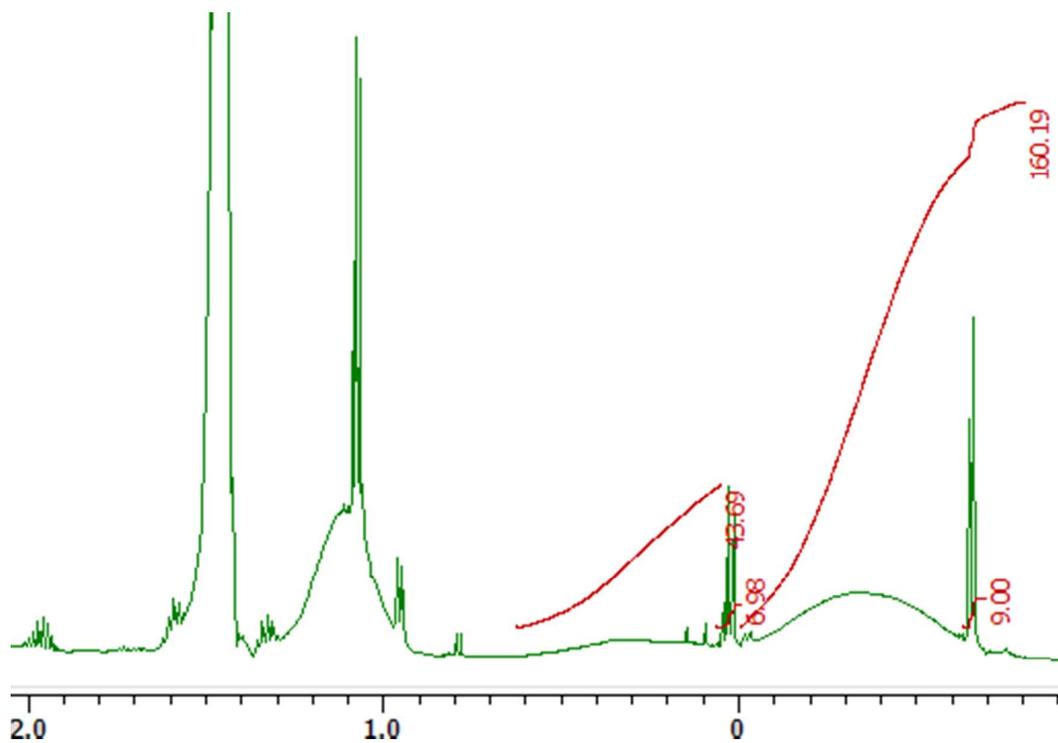
**Figure S3.**  $^1\text{H}$  NMR spectrum of vacuum-dried MMAO  
(Table 1, run 3, 500 MHz,  $\text{C}_6\text{D}_6$ :THF = 5:1).



**Figure S4.**  $^1\text{H}$  NMR spectrum of  $\text{SiO}_2$ -treated MMAO  
(Table 1, run 5, 500 MHz,  $\text{C}_6\text{D}_6$ :THF = 5:1).



**Figure S5.** <sup>1</sup>H NMR spectrum of SiO<sub>2</sub>-treated MMAO  
(Table 1, run 6, 500 MHz, C<sub>6</sub>D<sub>6</sub>:THF = 5:1).



**Figure S6.** <sup>1</sup>H NMR spectrum of SiO<sub>2</sub>-treated MMAO  
(Table 1, run 7, 500 MHz, C<sub>6</sub>D<sub>6</sub>:THF = 5:1).