

Supplementary Material

Synthesis of Aryloxyaluminum Hydrides and their Conversion into Aryloxyalumoxanes



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NMR spectra

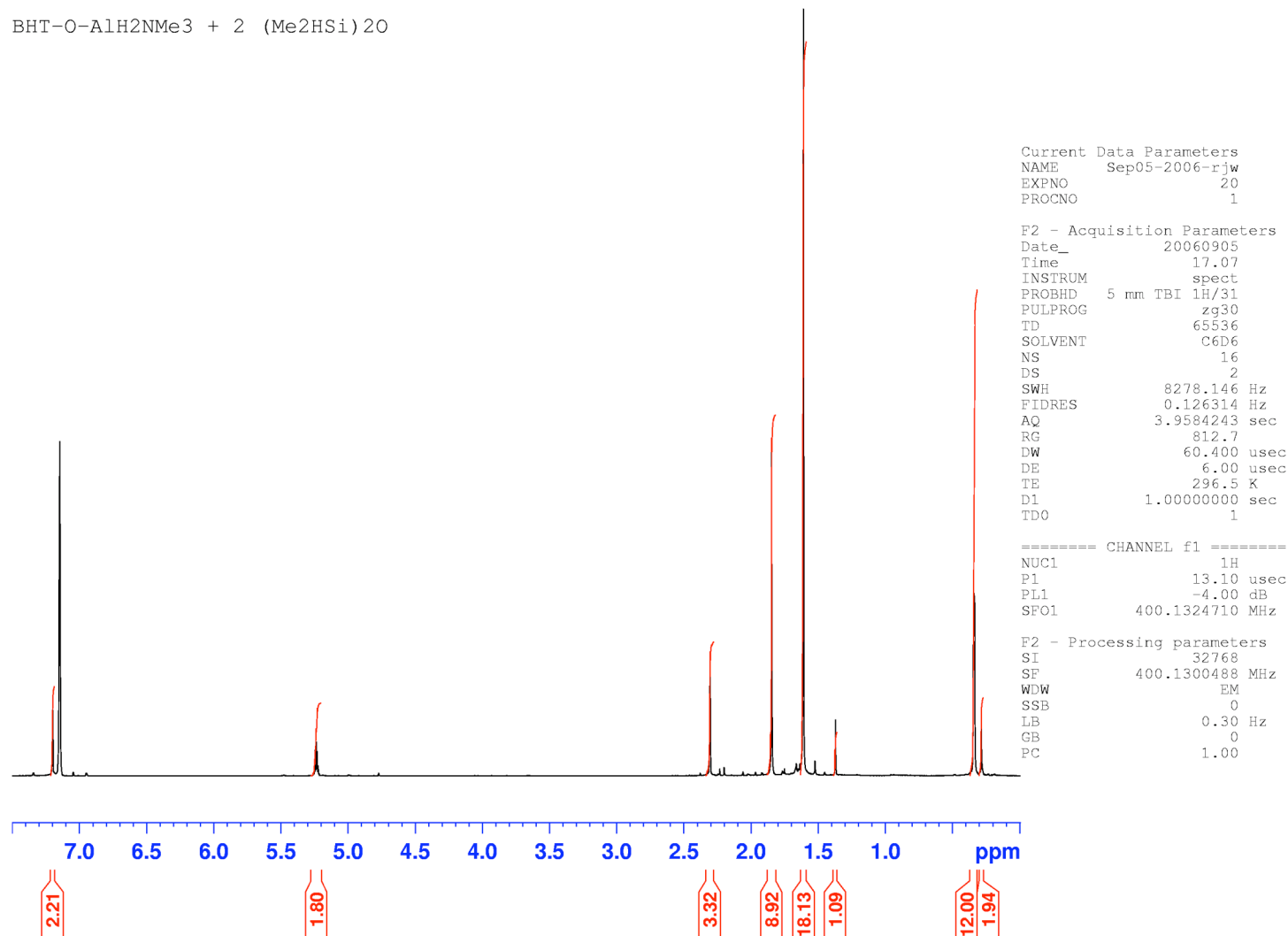
2,6-*t*-Bu₂-4-Me-C₆H₂OAl(OSiHMe₂)₂·NMe₃, 5 pp. 2-4

(Mes*OAlO·OSMe₂)₄·2.7 C₇H₈, 6·2.7 C₇H₈ p. 5

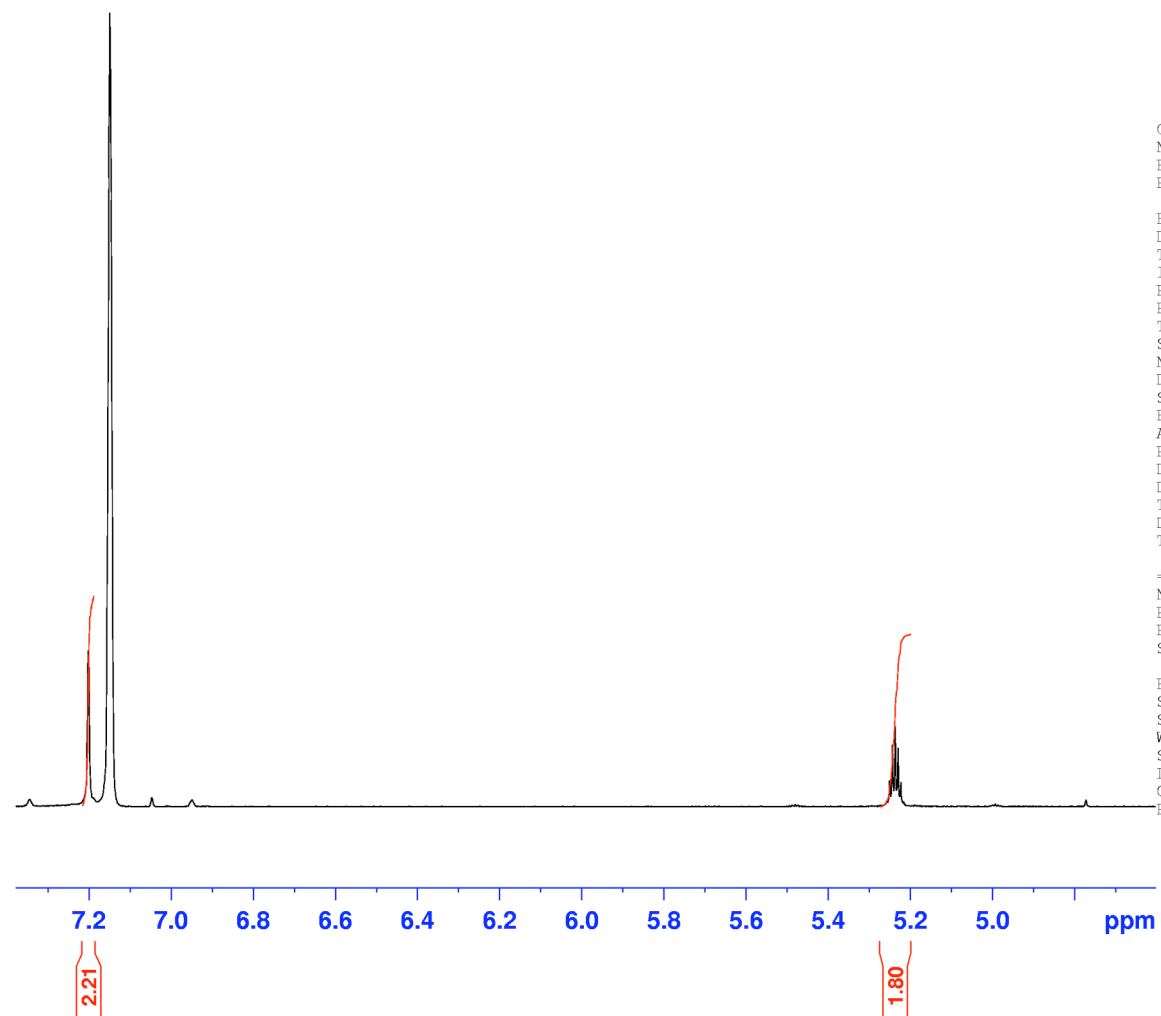
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2,6-*t*-Bu₂-4-Me-C₆H₂OAl(OSiHMe₂)₂·NMe₃, 5

BHT-O-AlH₂NMe₃ + 2 (Me₂HSi)₂O



BHT-O-AlH₂NMe₃ + 2 (Me₂HSi) ₂O

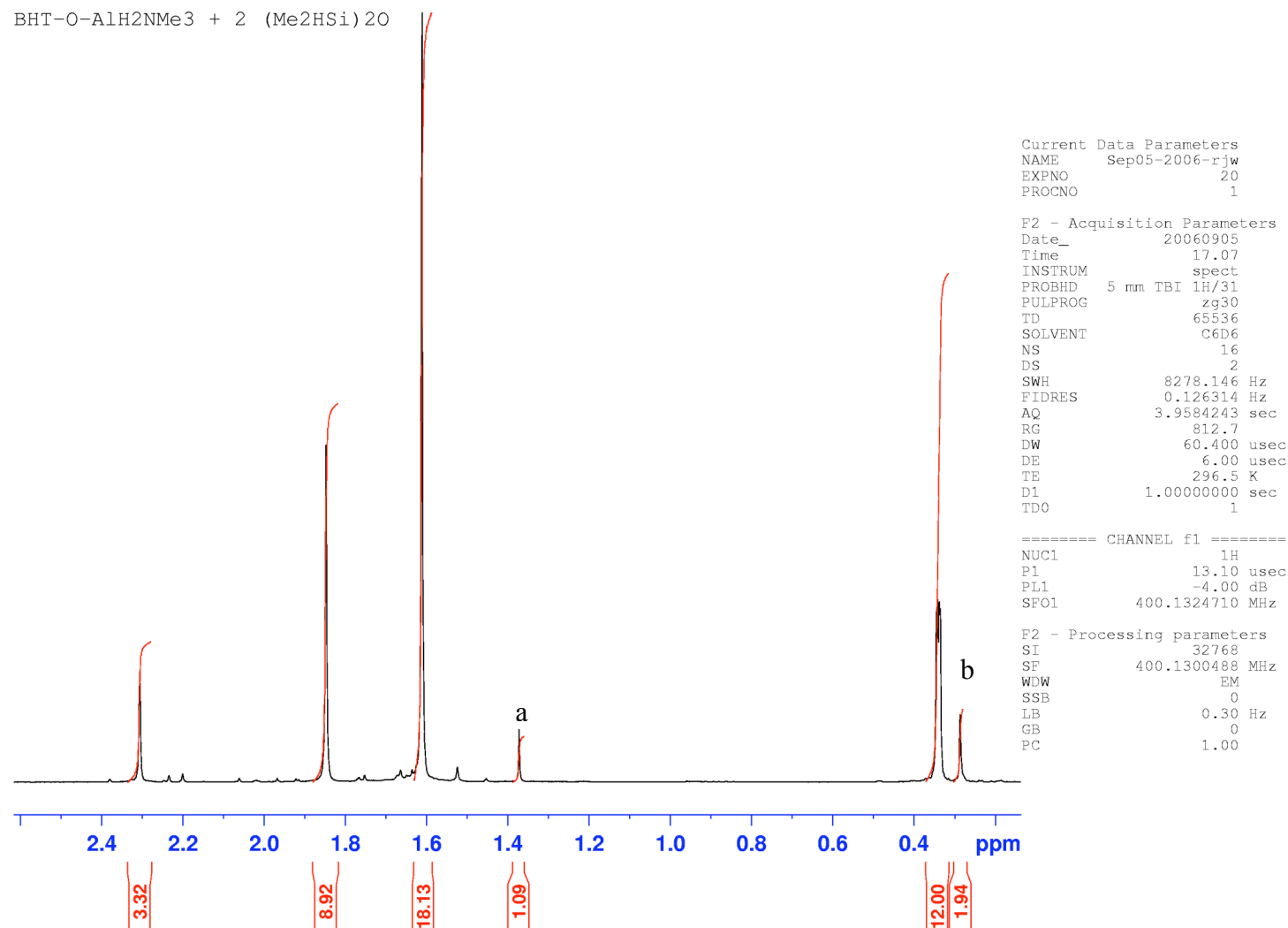


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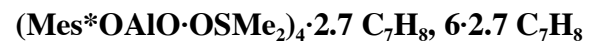
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DS 2
SWH 8278.146 Hz
FIDRES 0.126314 Hz
AQ 3.9584243 sec
RG 812.7
DW 60.400 usec
DE 6.00 usec
TE 296.5 K
D1 1.00000000 sec
TD0 1

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P1 13.10 usec
PL1 -4.00 dB
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 32768
SF 400.1300488 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



a: unknown impurity
b: silicone grease



[Mes*OAlODMSO]_n, Fr. 2
recryst.
SS166.2

