

Electronic Supplementary Information

Fig. S1

Schematic representation of the unit cell of compound **2** with emphasis of the Al-F-O-backbones of the molecular structures in the unit cell. H- and C-atoms and labels are omitted for clarity.

Fig. S2

FT-IR-spectrum of the crystalline aluminum isopropoxide fluoride **1** in comparison with the FT-IR spectrum of Al(O^{*i*}Pr)₃.

Fig. S3

¹H→¹³C CP MAS NMR spectrum of **1** ($\nu_{\text{rot}} = 10$ kHz) in comparison with the CP MAS NMR spectrum of crystalline Al(O^{*i*}Pr)₃ ($\nu_{\text{rot}} = 10$ kHz).

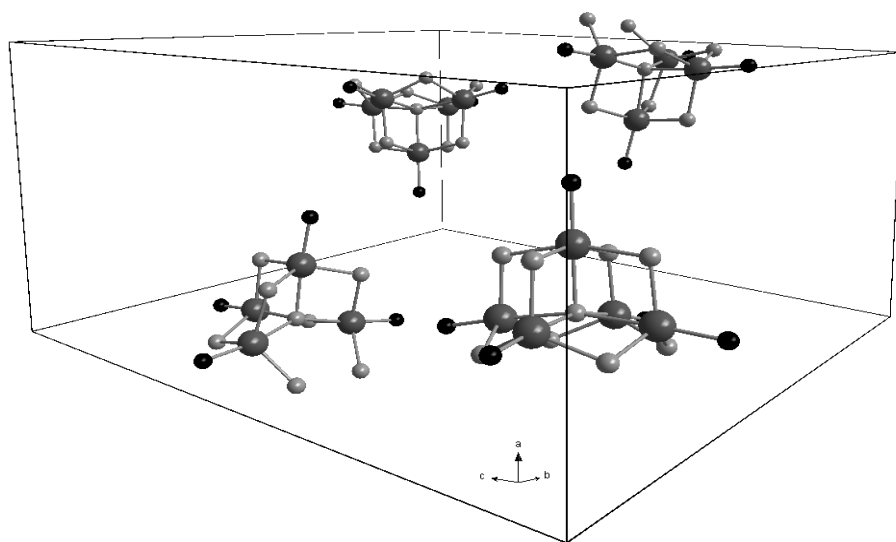


Fig. S1

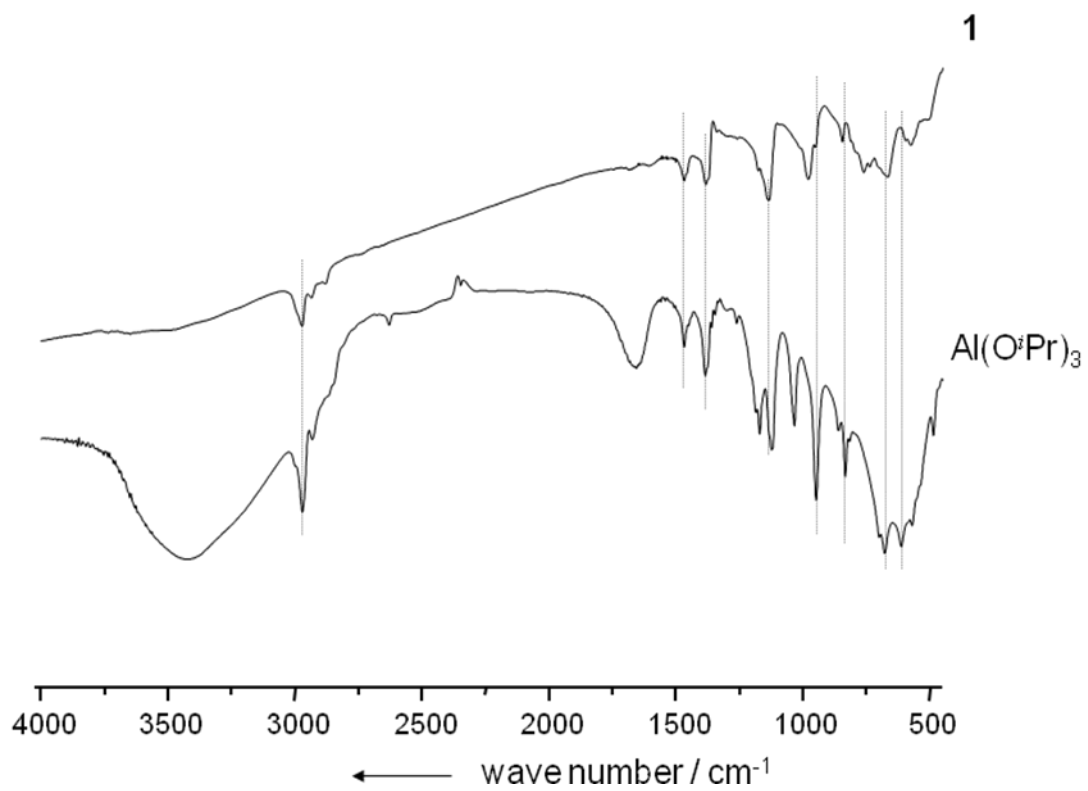


Fig. S2

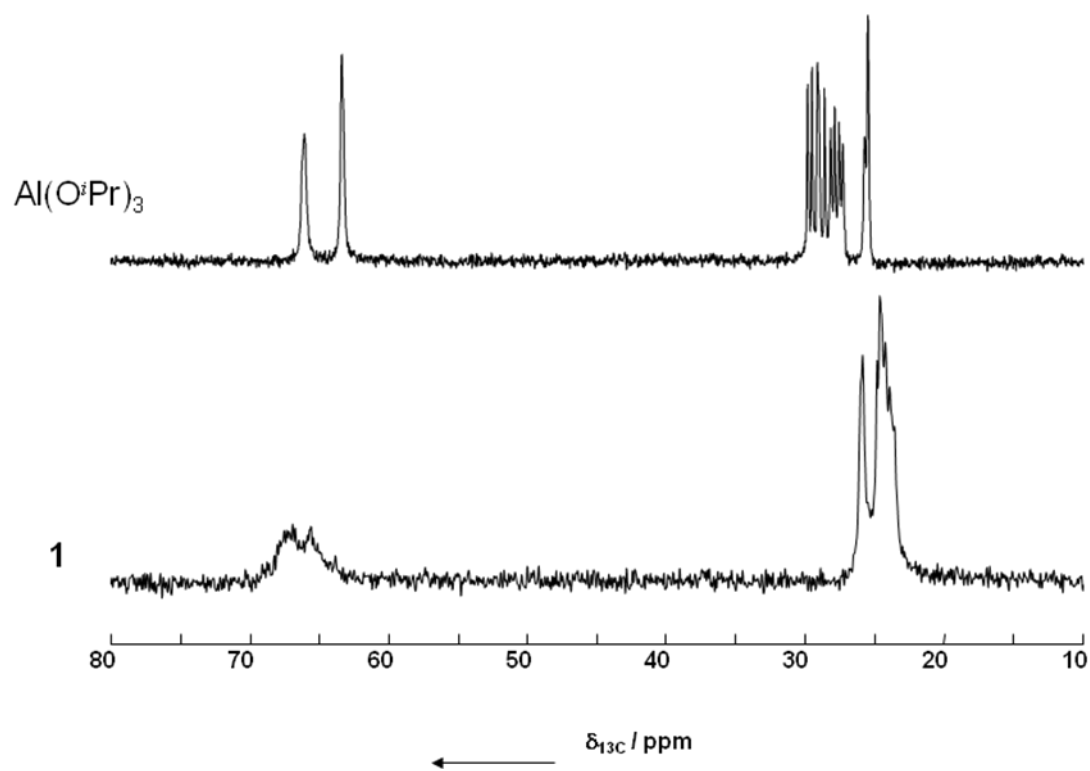


Fig. S3