

Supporting Information

Quantitative Tin Loading Determination of Supported Catalysts by ^{119}Sn HRMAS NMR using a Calibrated Internal Signal (ERETIC)

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Experimental details.

The ^{119}Sn HRMAS NMR spectra were recorded on a Bruker Avance II 500 instrument operating at 186.50 MHz with a dedicated Bruker $^1\text{H}/^{13}\text{C}/^{119}\text{Sn}$ HRMAS probe equipped with gradient coils; the directional coupler was connected to the ^1H channel. All spectra were recorded using 4 mm rotors fitted with a Teflon insert to delimit the volume to 50 μL ; magic angle spinning rate was set to 4 kHz; number of scans = 5000; dummy scans = 8; power level for ERETIC pulse = 60 dB.

The calibration of the ERETIC signal was performed with samples of 50 μL of 120 mM solutions of tetramethyltin (Me_4Sn) in CDCl_3 . For the quantification measurements, the samples contained *ca.* 10 or 15 mg of catalyst beads swollen in CDCl_3 .