



>>Entry Name: Trimethoxy(2-methylpropyl)silane, 9CI

Synonym(s): Isobutyltrimethoxysilane

CAS Registry Number: 18395-30-7

$(\text{H}_3\text{C})_2\text{CHCH}_2\text{Si}(\text{OMe})_3$

Molecular Formula: $\text{C}_7\text{H}_{18}\text{O}_3\text{Si}$

Molecular Weight: 178.303

Accurate Mass: 178.102522

Percentage Composition: C 47.15%; H 10.17%; O 26.92%; Si 15.75%

Use/Importance: Catalyst site activator

Boiling Point: Bp_{65} 85-87°

Refractive Index: n_D^{25} 1.3934

References:

Chappelow, C.C. *et al.*, *J.O.C.*, 1962, **27**, 1409-1414, (*synth*)

Crandall, J.K. *et al.*, *J. Organomet. Chem.*, 1995, **489**, 5-13, (*synth, ir, pmr, cmr, Si-29 nmr*)