Isobutyltrimethoxysilane

Other names:	Silane, trimethoxy(2-methylpropyl)-
	CI7810
	Dynasylan IBTMO
	Prosil 178
	trimethoxy(2-methylpropyl)silane
Inchi:	InChI=1S/C7H18O3Si/c1-7(2)6-11(8-3,9-4)10-5/h7H,6H2,1-5H3
InchiKey:	XYJRNCYWTVGEEG-UHFFFAOYSA-N
Formula:	C7H18O3Si
SMILES:	CO[Si](CC(C)C)(OC)OC
Mol. weight [g/mol]:	178.30
CAS:	18395-30-7

Physical Properties

Property code	Value	Unit	Source
log10ws	1.01		Crippen Method
logp	1.521		Crippen Method
tb	427.00	K	NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C18395307&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
tb:	Normal Boiling Point Temperature

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https://www.chemeo.com/cid/28-494-3/Isobutyltrimethoxysilane.pdf

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