

Silane, trimethyl(2-methylpropoxy)-

Other names:	Silane, isobutoxytrimethyl- Isobutoxytrimethylsilane 2-Methyl-1-propanol, trimethylsilyl ether Isobutanol, tms derivative
Inchi:	InChI=1S/C7H18OSi/c1-7(2)6-8-9(3,4)5/h7H,6H2,1-5H3
InchiKey:	ZQINJXJSYYRJIV-UHFFFAOYSA-N
Formula:	C7H18OSi
SMILES:	CC(C)CO[Si](C)(C)C
Mol. weight [g/mol]:	146.30
CAS:	18269-50-6

Physical Properties

Property code	Value	Unit	Source
log10ws	0.35		Crippen Method
logp	2.494		Crippen Method
rinpol	751.70		NIST Webbook
rinpol	750.50		NIST Webbook
rinpol	751.70		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C18269506&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/56-048-7/Silane-trimethyl-2-methylpropoxy.pdf>

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