Silane, trimethyl(1-methylbutoxy)-

Other names:	Trimethyl(1-methylbutoxy)silane
	2-Pentanol, trimethylsilyl ether
	DL-2-Pentanol, trimethylsilyl ether
	2-Pentanol, tms derivative
Inchi:	InChI=1S/C8H20OSi/c1-6-7-8(2)9-10(3,4)5/h8H,6-7H2,1-5H3
InchiKey:	GRSPKXMQYAOQBM-UHFFFAOYSA-N
Formula:	C8H20OSi
SMILES:	CCCC(C)O[Si](C)(C)C
Mol. weight [g/mol]:	160.33
CAS:	1825-67-8

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.42		Crippen Method
logp	3.026		Crippen Method
rinpol	833.10		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=C1825678&Units=SI

Legend

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