

Silane, trimethyl[(2-methylpentyl)oxy]-

Other names:	2-Methyl-1-pentanol, trimethylsilyl ether 2-Methyl-1-pentanol, tms derivative
Inchi:	InChI=1S/C9H22OSi/c1-6-7-9(2)8-10-11(3,4)5/h9H,6-8H2,1-5H3
InchiKey:	DZBANYJTCRZHGN-UHFFFAOYSA-N
Formula:	C9H22OSi
SMILES:	CCCC(C)CO[Si](C)(C)C
Mol. weight [g/mol]:	174.36
CAS:	17877-22-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.49		Crippen Method
logp	3.274		Crippen Method
rinpol	929.50		NIST Webbook
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Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C17877224&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

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/25-752-9/Silane-trimethyl-2-methylpentyl-oxy.pdf>

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