

Silane, (2,2-dimethylpropoxy)trimethyl-

Other names:	Silane, (2,2-dimethyl-1-propyloxy)trimethyl- Neopentyl trimethylsilyl ether Neopentyl alcohol, trimethylsilyl ether Trimethyl(neopentoxy)silane Neopentyl alcohol, tms derivative
Inchi:	InChI=1S/C8H20OSi/c1-8(2,3)7-9-10(4,5)6/h7H2,1-6H3
InchiKey:	CFUAMMVVJMPPLD-UHFFFAOYSA-N
Formula:	C8H20OSi
SMILES:	CC(C)(C)CO[Si](C)(C)C
Mol. weight [g/mol]:	160.33
CAS:	18246-63-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.07		Crippen Method
logp	2.884		Crippen Method
rinpol	778.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C18246634&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

Legend

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

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<https://www.cheméo.com/cid/31-529-0/Silane-2-2-dimethylpropoxy-trimethyl.pdf>

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