(Propargyloxy)trimethylsilane

Other names:	O-Trimethylsilylpropargyl alcohol
	Silane, trimethyl(2-propynyloxy)-
	Propargyl alcohol, trimethylsilyl ether
	trimethyl(2-propynyloxy)silane
Inchi:	InChI=1S/C6H12OSi/c1-5-6-7-8(2,3)4/h1H,6H2,2-4H3
InchiKey:	ZZRPJWCNCLSOLR-UHFFFAOYSA-N
Formula:	C6H12OSi
SMILES:	C#CCO[Si](C)(C)C
Mol. weight [g/mol]:	128.24
CAS:	5582-62-7

Physical Properties

Property code	Value	Unit	Source
log10ws	0.73		Crippen Method
logp	1.471		Crippen Method
rinpol	739.20		NIST Webbook
rinpol	739.20		NIST Webbook
tb	383.50 ± 0.50	K	NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C5582627&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
tb:	Normal Boiling Point Temperature

Latest version available from:

https://www.chemeo.com/cid/80-934-6/Propargyloxy-trimethylsilane.pdf

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