

3-Buten-1-ol, trimethylsilyl ether

Other names:	3-Buten-1-ol, tms derivative
Inchi:	InChI=1S/C7H16OSi/c1-5-6-7-8-9(2,3)4/h5H,1,6-7H2,2-4H3
InchiKey:	CIECCHPUBGAKKT-UHFFFAOYSA-N
Formula:	C7H16OSi
SMILES:	C=CCCO[Si](C)(C)C
Mol. weight [g/mol]:	144.29

Physical Properties

Property code	Value	Unit	Source
log10ws	0.26		Crippen Method
logp	2.414		Crippen Method
rinpola	786.50		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U333030&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws

Legend

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

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<https://www.cheméo.com/cid/25-433-3/3-Buten-1-ol-trimethylsilyl-ether.pdf>

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