

1-Methoxy-3-(trimethylsilyloxy)butadiene

Other names:	1-Methoxy-3-trimethylsilyloxy-1,3-butadiene Silane, [(3-methoxy-1-methylene-2-propenyl)oxy]trimethyl- 1-Methoxy-3-(trimethylsilyloxy)-1,3-butadiene 3-Methoxy-1-methylene-2-propenyl]oxy)(trimethyl)silane methyl 3-trimethylsilyloxybuta-1,3-dien-1-yl ether
Inchi:	InChI=1S/C8H16O2Si/c1-8(6-7-9-2)10-11(3,4)5/h6-7H,1H2,2-5H3/b7-6+
InchiKey:	SHALBPKEGDBVKK-VOTSOKGWSA-N
Formula:	C8H16O2Si
SMILES:	C=C(C=COC)O[Si](C)(C)C
Mol. weight [g/mol]:	172.30
CAS:	59414-23-2

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.09		Crippen Method
logp	2.512		Crippen Method

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C59414232&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

Latest version available from:

<https://www.chemeo.com/cid/55-397-1/1-Methoxy-3-trimethylsilyloxy-butadiene.pdf>

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