

2-Trimethylsilyloxyoct-3-ene

Other names:	3-Octen-2-ol, tms derivative
Inchi:	InChI=1S/C11H24OSi/c1-6-7-8-9-10-11(2)12-13(3,4)5/h9-11H,6-8H2,1-5H3/b10-9+
InchiKey:	LUGKPZQRNXFBQZ-MDZDMXLPSA-N
Formula:	C11H24OSi
SMILES:	<chem>CCCCC=CC(C)O[Si](C)(C)C</chem>
Mol. weight [g/mol]:	200.39

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.53		Crippen Method
logp	3.973		Crippen Method
rinpol	797.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U299474&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

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/55-077-6/2-Trimethylsilyloxyoct-3-ene.pdf>

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