

3-Buten-2-ol, tert-butyldimethylsilyl ether

Other names:	3-Buten-2-ol, tbdms derivative
Inchi:	InChI=1S/C10H22OSi/c1-8-9(2)11-12(6,7)10(3,4)5/h8-9H,1H2,2-7H3
InchiKey:	VAOGBZQGOFYUSV-UHFFFAOYSA-N
Formula:	C10H22OSi
SMILES:	<chem>C=CC(C)O[Si](C)(C)C(C)(C)C</chem>
Mol. weight [g/mol]:	186.37

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.11		Crippen Method
logp	3.583		Crippen Method
rinpol	935.80		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U352688&Units=SI

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.chemeo.com/cid/62-787-0/3-Buten-2-ol-tert-butyldimethylsilyl-ether.pdf>

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