

cis-2-Penten-1-ol, tert-butyldimethylsilyl ether

Other names:	2-Penten-1-ol, (z)-, tbdms derivative
Inchi:	InChI=1S/C11H24OSi/c1-7-8-9-10-12-13(5,6)11(2,3)4/h8-9H,7,10H2,1-6H3/b9-8-
InchiKey:	KNZINLHSQLSDFF-HJWRWDBZSA-N
Formula:	C11H24OSi
SMILES:	CCC=CCO[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	200.39

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.42		Crippen Method
logp	3.974		Crippen Method
rinpola	1124.70		NIST Webbook
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Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U352712&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
rinpola:	Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/49-812-6/cis-2-Penten-1-ol-tert-butyldimethylsilyl-ether.pdf>

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