4-Penten-1-ol, tert-butyldimethylsilyl ether

Other names:	tert-Butyl(dimethyl)(pent-4-en-1-yloxy)silane
	4-Penten-1-ol, tbdms derivative
Inchi:	InChI=1S/C11H24OSi/c1-7-8-9-10-12-13(5,6)11(2,3)4/h7H,1,8-10H2,2-6H3
InchiKey:	XDTGMYOXTAZXRM-UHFFFAOYSA-N
Formula:	C11H24OSi
SMILES:	C=CCCCO[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
rinpol	1093.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U333079&Units=SI

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/43-257-9/4-Penten-1-ol-tert-butyldimethylsilyl-ether.pdf
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