

1,5-Hexadien-3-ol, tert-butyldimethylsilyl ether

Other names:	1,5-Hexadien-3-ol, tbdms derivative
Inchi:	InChI=1S/C12H24OSi/c1-8-10-11(9-2)13-14(6,7)12(3,4)5/h8-9,11H,1-2,10H2,3-7H3
InchiKey:	XDSDYDUSDMDYHT-UHFFFAOYSA-N
Formula:	C12H24OSi
SMILES:	C=CCC(C=C)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	212.40

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.80		Crippen Method
logp	4.139		Crippen Method
rinsol	1097.20		NIST Webbook
rinsol	1097.20		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=U352715&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinsol:	Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/30-815-3/1-5-Hexadien-3-ol-tert-butyldimethylsilyl-ether.pdf>

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