

trans-3-Hexen-1-ol, tert-butyldimethylsilyl ether

Other names:	tert-Butyl[(3E)-hex-3-en-1-yloxy]dimethylsilane 3-Hexen-1-ol, (e)-, tbdms derivative
Inchi:	InChI=1S/C12H26OSi/c1-7-8-9-10-11-13-14(5,6)12(2,3)4/h8-9H,7,10-11H2,1-6H3/b9-8+
InchiKey:	HPGJYQQYCUJCBS-CMDGGOBGSA-N
Formula:	C12H26OSi
SMILES:	CCC=CCCO[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	214.42

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.84		Crippen Method
logp	4.364		Crippen Method
rinpol	1202.30		NIST Webbook
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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=U333082&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/70-329-9/trans-3-Hexen-1-ol-tert-butyldimethylsilyl-ether.pdf>

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