

1-Nonanol, tert-butyldimethylsilyl ether

Other names:	tert-Butyl(dimethyl)(nonyloxy)silane 1-Nonanol, tBDMS
Inchi:	InChI=1S/C15H34OSi/c1-7-8-9-10-11-12-13-14-16-17(5,6)15(2,3)4/h7-14H2,1-6H3
InchiKey:	HEIZMMGMWPKPPU-UHFFFAOYSA-N
Formula:	C15H34OSi
SMILES:	CCCCCCCCCO[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	258.52

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.24		Crippen Method
logp	5.759		Crippen Method
rinpol	1489.90		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U333098&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
rinpol:	Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/93-453-6/1-Nonanol-tert-butyldimethylsilyl-ether.pdf>

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