

10-Chloro-1-decanol, tert-butyldimethylsilyl ether

Other names:	tert-Butyl[(10-chlorodecyl)oxy]dimethylsilane 10-Chloro-1-decanol, tbdms derivative
Inchi:	InChI=1S/C16H35ClOSi/c1-16(2,3)19(4,5)18-15-13-11-9-7-6-8-10-12-14-17/h6-15H2,1-5H1
InchiKey:	HGNOOTPZYWMMPG-UHFFFAOYSA-N
Formula:	C16H35ClOSi
SMILES:	CC(C)(C)[Si](C)(C)OCCCCCCCCCCCCI
Mol. weight [g/mol]:	306.99

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.81		Crippen Method
logp	6.368		Crippen Method
rinpol	1882.80		NIST Webbook
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Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U333091&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

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/74-052-2/10-Chloro-1-decanol-tert-butyldimethylsilyl-ether.pdf>

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