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/h6-15H2,1-5
InchiKey: HGNOOTPZYWMMPG-UHFFFAOYSA-N
Formula: C16H35ClOSi
SMILES: CC(C)(C)[Si](C)(C)OCCCCCCCCCCCCl
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
rinpol	1882.80		NIST Webbook

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