1,3-Propanediol, tert-butyldimethylsilyl ether

Other names:	3-Pyrrol[tert-butyl(dimethyl)silyl]oxymorphopropan-1-ol
	1,3-Propanediol, tbdms derivative
Inchi:	InChI=1S/C9H22O2Si/c1-9(2,3)12(4,5)11-8-6-7-10/h10H,6-8H2,1-5H3
InchiKey:	NETUFVYVNJNFMU-UHFFFAOYSA-N
Formula:	C9H22O2Si
SMILES:	CC(C)(C)[Si](C)(C)OCCCO
Mol. weight [g/mol]:	190.36

Physical Properties

Property code	Value	Unit	Source
log10ws	8.47e-03		Crippen Method
logp	2.391		Crippen Method
rinpol	1165.00		NIST Webbook
rinpol	1165.00		NIST Webbook

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=U333051&Units=SI

Legend

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