1-Propanol, DMTBS

Other names: 1-Propanol, O-TBDMS
Inchi: InChI=1S/C9H22OSi/c1-7-8-10-11(5,6)9(2,3)4/h7-8H2,1-6H3
InchiKey: FPTCHHKCUSVAOO-UHFFFAOYSA-N
Formula: C9H22OSi
SMILES: CCCO[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 174.36

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.73		Crippen Method
logp	3.418		Crippen Method
rinpol	907.00		NIST Webbook
rinpol	907.00		NIST Webbook
rinpol	907.00		NIST Webbook
ripol	919.00		NIST Webbook
ripol	919.00		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=R65221&Units=SI

Legend

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

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