1-Pentanol, 3,4-dimethyl, TMS

Inchi: InChI=1S/C10H24OSi/c1-9(2)10(3)7-8-11-12(4,5)6/h9-10H,7-8H2,1-6H3
InchiKey: PTQMCIYBLKCYNE-UHFFFAOYSA-N
Formula: C10H24OSi
SMILES: CC(C)C(C)CCO[Si](C)(C)C
Mol. weight [g/mol]: 188.38

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.66		Crippen Method
logp	3.520		Crippen Method
rinpol	1035.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R119407&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