1-Octadecanol, 16-methyl, TMS

Inchi: InChI=1S/C22H48OSi/c1-6-22(2)20-18-16-14-12-10-8-7-9-11-13-15-17-19-21-23-24(3,4)
InchiKey: RSUTYIKJJGPCMW-UHFFFAOYSA-N
Formula: C22H48OSi
SMILES: CCC(C)CCCCCCCCCCCCCCCO[Si](C)(C)C
Mol. weight [g/mol]: 356.70

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.93		Crippen Method
logp	8.345		Crippen Method
rinpol	2232.00		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=R166715&Units=SI

Legend

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