Sorbitol, 2,6-dimethyl, TMS

Inchi: InChI=1S/C20H50O6Si4/c1-21-15-18(24-28(6,7)8)20(26-30(12,13)14)19(25-29(9,10)11)1
InchiKey: RNKCBFQVJBELLB-YRPNKDGESA-N
Formula: C20H50O6Si4
SMILES: COCC(O[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C(CO[Si](C)(C)C)OC
Mol. weight [g/mol]: 498.95

Physical Properties

Property code	Value	Unit	Source
log10ws	4.63		Crippen Method
logp	5.160		Crippen Method
rinpol	1863.00		NIST Webbook
rinpol	1859.00		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=R527714&Units=SI

Legend

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