Erythritol, tri-TMS

Inchi: InChI=1S/C13H34O4Si3/c1-18(2,3)15-10-12(14)13(17-20(7,8)9)11-16-19(4,5)6/h12-14H
InchiKey: OJDFVLFGJAOEBA-UHFFFAOYSA-N
Formula: C13H34O4Si3
SMILES: C[Si](C)(C)OCC(O)C(CO[Si](C)(C)C)O[Si](C)(C)C
Mol. weight [g/mol]: 338.66

Physical Properties

Property code	Value	Unit	Source
log10ws	3.83		Crippen Method
logp	3.270		Crippen Method
rinpol	1525.00		NIST Webbook
rinpol	1525.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R274876&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

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