Cyclooctadecasiloxane, hexatriacontamethyl

Inchi: InChI=1S/C36H108O18Si18/c1-55(2)37-56(3,4)39-58(7,8)41-60(11,12)43-62(15,16)45-6
InchiKey: FZWBYDHCNDGMTB-UHFFFAOYSA-N
Formula: $C_{36}H_{108}O_{18}Si_{18}$
SMILES: C[Si]1(C)O[Si](C)(C)O[Si](C)(C)O[Si](C)(C)O[Si](C)(C)O[Si](C)(C)O[Si](C)(C)O[Si](C)(C)O
Mol. weight [g/mol]: 1334.77

Physical Properties

Property code	Value	Unit	Source
log10ws	26.25		Crippen Method
logp	12.931		Crippen Method
rinpol	3216.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R55355&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