Cyclononadecasiloxane, octatriacontamethyl

Inchi: InChI=1S/C38H114O19Si19/c1-58(2)39-59(3,4)41-61(7,8)43-63(11,12)45-65(15,16)47-6
InchiKey: NONJZHMTYPZINL-UHFFFAOYSA-N
Formula: C38H114O19Si19
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)(
Mol. weight [g/mol]: 1408.92

Physical Properties

Property code	Value	Unit	Source
log10ws	27.69		Crippen Method
logp	13.650		Crippen Method
rinpol	3354.00		NIST Webbook
rinpol	3354.00		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=R55323&Units=SI

Legend

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