Cycloeicosasiloxane, tetracontamethyl

Inchi: InChI=1S/C40H120O20Si20/c1-61(2)41-62(3,4)43-64(7,8)45-66(11,12)47-68(15,16)49-7
InchiKey: GNPUIRGLEUCTBE-UHFFFAOYSA-N
Formula: C40H120O20Si20
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]: 1483.08

Physical Properties

Property code	Value	Unit	Source
log10ws	29.13		Crippen Method
logp	14.368		Crippen Method
rinpol	3489.00		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=R55234&Units=SI

Legend

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

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