

Cycloheptadecasiloxane, tetratriacontamethyl

Inchi:	InChI=1S/C34H102O17Si17/c1-52(2)35-53(3,4)37-55(7,8)39-57(11,12)41-59(15,16)43-6
InchiKey:	QKOWOBLRWSNMKS-UHFFFAOYSA-N
Formula:	C34H102O17Si17
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[Si](C)(C)O[Si](C)(C)
Mol. weight [g/mol]:	1260.62

Physical Properties

Property code	Value	Unit	Source
log10ws	24.80		Crippen Method
logp	12.213		Crippen Method
rinpol	3075.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R55266&Units=SI

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/71-025-5/Cycloheptadecasiloxane-tetratriacontamethyl.pdf>

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