Cyclotricosasiloxane, hexatetracontamethyl

Inchi:	InChI=1S/C46H138O23Si23/c1-70(2)47-71(3,4)49-73(7,8)51-75(11,12)53-77(15,16)55-7
InchiKey:	SPUPGXQRNJLSDG-UHFFFAOYSA-N
Formula:	C46H138O23Si23
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]:	1705.54

Physical Properties

Property code	Value	Unit	Source
log10ws	33.46		Crippen Method
logp	16.523		Crippen Method
rinpol	3888.00		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=R55458&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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