Cyclopentacosasiloxane, pentacontamethyl

Inchi:	InChI=1S/C50H150O25Si25/c1-76(2)51-77(3,4)53-79(7,8)55-81(11,12)57-83(15,16)59-8
InchiKey:	IGCPMWXUNGWJHP-UHFFFAOYSA-N
Formula:	C50H150O25Si25
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]:	1853.85

Physical Properties

Property code	Value	Unit	Source
log10ws	36.34		Crippen Method
logp	17.960		Crippen Method

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R55373&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

Latest version available from:

https://www.chemeo.com/cid/71-070-5/Cyclopentacosasiloxane-pentacontamethyl.pdf

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