

Cyclooctacosasiloxane, hexapentacontamethyl

Inchi:	InChI=1S/C56H168O28Si28/c1-85(2)57-86(3,4)59-88(7,8)61-90(11,12)63-92(15,16)65-9
InchiKey:	PONSRXJDBNAVRI-UHFFFAOYSA-N
Formula:	C56H168O28Si28
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]:	2076.31

Physical Properties

Property code	Value	Unit	Source
log10ws	40.67		Crippen Method
logp	20.115		Crippen Method
rinpol	4522.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307I>

Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R55341&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/71-071-4/Cyclooctacosasiloxane-hexapentacontamethyl.pdf>

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