

Cyclohexasiloxane, dotriacontamethyl

Inchi:	InChI=1S/C32H96O16Si16/c1-49(2)33-50(3,4)35-52(7,8)37-54(11,12)39-56(15,16)41-58
InchiKey:	MZOAFPGUGMRIHV-UHFFFAOYSA-N
Formula:	C32H96O16Si16
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)
Mol. weight [g/mol]:	1186.46

Physical Properties

Property code	Value	Unit	Source
log10ws	23.36		Crippen Method
logp	11.494		Crippen Method
rinpol	2932.00		NIST Webbook
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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=R55298&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/25-969-9/Cyclohexadecasiloxane-dotriacontamethyl.pdf>

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