

Cyclononadecasiloane, octatriacontamethyl

Inchi:	InChI=1S/C38H114O19Si19/c1-58(2)39-59(3,4)41-61(7,8)43-63(11,12)45-65(15,16)47-6
InchiKey:	NONJZHMTYPZINL-UHFFFAOYSA-N
Formula:	C38H114O19Si19
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]:	1408.92

Physical Properties

Property code	Value	Unit	Source
log10ws	27.69		Crippen Method
logp	13.650		Crippen Method
rinpol	3354.00		NIST Webbook
rinpol	3354.00		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=R55323&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/71-238-9/Cyclononadecasiloxane-octatriacontamethyl.pdf>

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