

Cyclopentadecasiloane, triacontamethyl

Inchi:	InChI=1S/C30H90O15Si15/c1-46(2)31-47(3,4)33-49(7,8)35-51(11,12)37-53(15,16)39-55
InchiKey:	QQJAZIPZSXOQKO-UHFFFAOYSA-N
Formula:	C30H90O15Si15
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)O[Si](C)(C)
Mol. weight [g/mol]:	1112.31

Physical Properties

Property code	Value	Unit	Source
log10ws	21.92		Crippen Method
logp	10.776		Crippen Method
rinpol	2787.00		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=R55387&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.cheméo.com/cid/15-194-0/Cyclopentadecasiloane-triacontamethyl.pdf>

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