

1,3,5,7,9,11,13,15-Octabutylpentacyclo[13.1.1.13,5

Other names:	1,3,5,7,9,11,13,15-Octabutylpentacyclo[13.1.1.1<3,5>.1<7,9>.1<11,13>]octasiloxane
Inchi:	InChI=1S/C32H72O12Si8/c1-9-17-25-45-33-46(34-45,26-18-10-2)42-49(29-21-13-5)37-5
InchiKey:	UNXGILMILMWKHW-UHFFFAOYSA-N
Formula:	C32H72O12Si8
SMILES:	CCCC[Si]12O[Si](CCCC)(O1)O[Si]1(CCCC)O[Si](CCCC)(O1)O[Si]1(CCCC)O[Si](CCCC)
Mol. weight [g/mol]:	873.59

Physical Properties

Property code	Value	Unit	Source
log10ws	4.54		Crippen Method
logp	10.166		Crippen Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=B6001139&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/77-207-7/1-3-5-7-9-11-13-15-Octabutylpentacyclo-13-1-1-13-5-17-9-111-13-octasiloxan>

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