

Cyclobutanone, 3,3'-(dimethylsilyldioxy)bis-2,2,4,4-tetramethyl

Inchi:	InChI=1S/C18H32O4Si/c1-15(2)11(19)16(3,4)13(15)21-23(9,10)22-14-17(5,6)12(20)18(1)
InchiKey:	UMCRYYBDSLATAF-UHFFFAOYSA-N
Formula:	C18H32O4Si
SMILES:	CC1(C)C(=O)C(C)(C)C1O[Si](C)(C)OC1C(C)(C)C(=O)C1(C)C
Mol. weight [g/mol]:	340.53
CAS:	116434-99-2

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.77		Crippen Method
logp	3.729		Crippen Method

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C116434992&Units=SI

Legend

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

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<https://www.cheméo.com/cid/35-212-7/Cyclobutanone-3-3-dimethylsilyldioxy-bis-2-2-4-4-tetramethyl.pdf>

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