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.chemeo.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