4-Methyl-2-oxovaleric acid, tert-butyldimethylsilyl ester

Inchi: InChI=1S/C12H24O3Si/c1-9(2)8-10(13)11(14)15-16(6,7)12(3,4)5/h9H,8H2,1-7H3

InchiKey: GSHJQXMVPVYUMP-UHFFFAOYSA-N

Formula: C12H24O3Si

SMILES: CC(C)CC(=O)C(=O)O[Si](C)(C)C(C)(C)C

Mol. weight [g/mol]: 244.40

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.80		Crippen Method
logp	3.150		Crippen Method

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U333113&Units=SI

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient