

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/ci9903071>

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/78-665-8/4-Methyl-2-oxovaleric-acid-tert-butyldimethylsilyl-ester.pdf>

Generated by Cheméo on 2024-04-28 21:06:45.550026554 +0000 UTC m=+16627654.470603867.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.