

2-Hydroxy-3-methylbutyric acid, TBDMS

Inchi: InChI=1S/C11H24O3Si/c1-8(2)9(12)10(13)14-15(6,7)11(3,4)5/h8-9,12H,1-7H3
InchiKey: YZCKYPBFUKFDNFN-UHFFFAOYSA-N
Formula: C11H24O3Si
SMILES: CC(C)C(O)C(=O)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 232.39

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.47		Crippen Method
logp	2.552		Crippen Method
rinpol	1604.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R562995&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/37-189-2/2-Hydroxy-3-methylbutyric-acid-TBDMS.pdf>

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