

2-Hydroxy-2-methylbutyric acid, TBDMS

Inchi: InChI=1S/C17H38O3Si2/c1-13-17(8,20-22(11,12)16(5,6)7)14(18)19-21(9,10)15(2,3)4/h1
InchiKey: RYDQSIASKWDKE-UHFFFAOYSA-N
Formula: C17H38O3Si2
SMILES: CCC(C)(O[Si](C)(C)C(C)(C)C(=O)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 346.65

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.10		Crippen Method
logp	5.725		Crippen Method
rinpol	1595.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R562980&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
rinpol: Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/39-535-5/2-Hydroxy-2-methylbutyric-acid-TBDMS.pdf>

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