

2-Ethyl-2-hydroxybutyric acid, TBDMS

Inchi: InChI=1S/C18H40O3Si2/c1-13-18(14-2,21-23(11,12)17(6,7)8)15(19)20-22(9,10)16(3,4)5
InchiKey: VVVKSKZMJCGRSP-UHFFFAOYSA-N
Formula: C18H40O3Si2
SMILES: CCC(CC)(O[Si](C)(C)C(C)(C)C)C(=O)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 360.68

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.52		Crippen Method
logp	6.115		Crippen Method
rinpol	1685.00		NIST Webbook
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Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R562975&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

Legend

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

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<https://www.cheméo.com/cid/35-614-1/2-Ethyl-2-hydroxybutyric-acid-TBDMS.pdf>

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