

3-Methylbutan-2-ol, dimethylpentafluorophenylsilyl ether

Inchi: InChI=1S/C13H17F5OSi/c1-6(2)7(3)19-20(4,5)13-11(17)9(15)8(14)10(16)12(13)18/h6-7H
InchiKey: JECCJUNCTQZAER-UHFFFAOYSA-N
Formula: C13H17F5OSi
SMILES: CC(C)C(C)O[Si](C)(C)c1c(F)c(F)c(F)c(F)c1F
Mol. weight [g/mol]: 312.35

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.01		Crippen Method
logp	3.855		Crippen Method
rinpol	1295.00		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=U367955&Units=SI>

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.chemeo.com/cid/59-046-6/3-Methylbutan-2-ol-dimethylpentafluorophenylsilyl-ether.pdf>

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