

2,4-Dimethyl-3-pentanol, trimethylsilyl ether

Inchi: InChI=1S/C10H24OSi/c1-8(2)10(9(3)4)11-12(5,6)7/h8-10H,1-7H3
InchiKey: TWZOCQCGEYSDBW-UHFFFAOYSA-N
Formula: C10H24OSi
SMILES: CC(C)C(O[Si](C)(C)C)C(C)C
Mol. weight [g/mol]: 188.38
CAS: 35389-30-1

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.78		Crippen Method
logp	3.518		Crippen Method
rinpol	975.30		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=C35389301&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/76-989-1/2-4-Dimethyl-3-pentanol-trimethylsilyl-ether.pdf>

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