

3,3-Dimethyl-2-butanol, trimethylsilyl ether

Inchi: InChI=1S/C9H22OSi/c1-8(9(2,3)4)10-11(5,6)7/h8H,1-7H3
InchiKey: PZPJJEYNJUQHNEU-UHFFFAOYSA-N
Formula: C9H22OSi
SMILES: CC(O[Si](C)(C)C)C(C)(C)C
Mol. weight [g/mol]: 174.36
CAS: 31650-04-1

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.60		Crippen Method
logp	3.272		Crippen Method
rinsol	857.20		NIST Webbook
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Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C31650041&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/81-502-4/3-3-Dimethyl-2-butanol-trimethylsilyl-ether.pdf>

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