

4-Butyldimethylsilyloxy-2-methyloct-5-yne

Inchi: InChI=1S/C15H30OSi/c1-7-9-11-15(13-14(3)4)16-17(5,6)12-10-8-2/h14-15H,7-8,10,12-1
InchiKey: XWSJJIMGFVAYMO-UHFFFAOYSA-N
Formula: C15H30OSi
SMILES: CCC#CC(CC(C)C)O[Si](C)(C)CCCC
Mol. weight [g/mol]: 254.48

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.90		Crippen Method
logp	4.836		Crippen Method
rinpol	1401.00		NIST Webbook
rinpol	1401.00		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=U299535&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/83-745-3/4-Butyldimethylsilyloxy-2-methyloct-5-yne.pdf>

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