

2-Butyldimethylsilyloxybut-3-yne

Inchi:	InChI=1S/C10H20OSi/c1-6-8-9-12(4,5)11-10(3)7-2/h2,10H,6,8-9H2,1,3-5H3
InchiKey:	RIRXQUWYTYGZFV-UHFFFAOYSA-N
Formula:	C10H20OSi
SMILES:	C#CC(C)O[Si](C)(C)CCCC
Mol. weight [g/mol]:	184.35

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.05		Crippen Method
logp	3.030		Crippen Method
rinpol	1022.00		NIST Webbook
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Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U299531&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

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/61-968-0/2-Butyldimethylsilyloxybut-3-yne.pdf>

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