

1-Butyldimethylsilyloxy-2-methylbenzene

Inchi:	InChI=1S/C13H22OSi/c1-5-6-11-15(3,4)14-13-10-8-7-9-12(13)2/h7-10H,5-6,11H2,1-4H3
InchiKey:	YWUZZDQHJNDFLW-UHFFFAOYSA-N
Formula:	C13H22OSi
SMILES:	CCCC[Si](C)(C)Oc1ccccc1C
Mol. weight [g/mol]:	222.40

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.21		Crippen Method
logp	4.379		Crippen Method
rinpol	1399.00		NIST Webbook
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Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U299062&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws

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.cheméo.com/cid/26-895-0/1-Butyldimethylsilyloxy-2-methylbenzene.pdf>

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