

Farnesol, tert-butyldimethylsilyl ether

Other names:	Farnesol, tbdms derivative
Inchi:	InChI=1S/C21H40OSi/c1-18(2)12-10-13-19(3)14-11-15-20(4)16-17-22-23(8,9)21(5,6)7/h
InchiKey:	LULLVSRMXIXPNO-XHGFWWIISA-N
Formula:	C21H40OSi
SMILES:	CC(C)=CCCC(C)=CCCC(C)=CCO[Si](C)(C)C(C)C
Mol. weight [g/mol]:	336.63

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.31		Crippen Method
logp	7.427		Crippen Method
rinsol	2023.90		NIST Webbook
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Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U352677&Units=SI

Legend

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

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<https://www.cheméo.com/cid/84-774-0/Farnesol-tert-butyldimethylsilyl-ether.pdf>

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