

(-)-Isolongifolol, tert-butyldimethylsilyl ether

Other names:	tert-Butyl(dimethyl)[(4,8,8-trimethyldecahydro-1,4-methanoazulen-9-yl)methoxy]silane (-)-Isolongifolol, tbdms derivative
Inchi:	InChI=1S/C21H40OSi/c1-19(2,3)23(7,8)22-14-17-15-10-11-16-18(15)20(4,5)12-9-13-21(
InchiKey:	QPKWKJUHRAETQY-UHFFFAOYSA-N
Formula:	C21H40OSi
SMILES:	CC1(C)CCCC2(C)C(CO[Si](C)(C)C(C)(C)C)C3CCC2C31
Mol. weight [g/mol]:	336.63

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.99		Crippen Method
logp	6.497		Crippen Method
rinpola	1994.40		NIST Webbook
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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=U333040&Units=SI

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/84-775-9/Isolongifolol-tert-butyldimethylsilyl-ether.pdf>

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