

2-tert-Butyl-6-methylphenol, O-tert-butyl dimethylsilyl-

Inchi:	InChI=1S/C17H30OSi/c1-13-11-10-12-14(16(2,3)4)15(13)18-19(8,9)17(5,6)7/h10-12H,1-
InchiKey:	AEYMXQXQVARHKS-UHFFFAOYSA-N
Formula:	C17H30OSi
SMILES:	Cc1cccc(C(C)(C)C)c1O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	278.50

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.52		Crippen Method
logp	5.677		Crippen Method
rinpol	1732.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U374860&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/10-392-5/2-tert-Butyl-6-methylphenol-O-tert-butyl dimethylsilyl.pdf>

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