

# 2-tert-Butyl-6-methylphenol, trimethylsilyl ether

Other names:	2-Methyl-6-tert-butylphenol, tms derivative
Inchi:	InChI=1S/C14H24OSi/c1-11-9-8-10-12(14(2,3)4)13(11)15-16(5,6)7/h8-10H,1-7H3
InchiKey:	KXHGVBXGYZWMKH-UHFFFAOYSA-N
Formula:	C14H24OSi
SMILES:	<chem>Cc1cccc(C(C)(C)C)c1O[Si](C)(C)C</chem>
Mol. weight [g/mol]:	236.43

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.27		Crippen Method
logp	4.506		Crippen Method
rinpol	1467.00		NIST Webbook

## Sources

NIST Webbook:	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U333483&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U333483&amp;Units=SI</a>
Crippen Method:	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
Crippen Method:	<a href="https://www.cheméo.com/doc/models/crippen_log10ws">https://www.cheméo.com/doc/models/crippen_log10ws</a>

## Legend

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

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