

# 2,4-Dimethylbenzenethiol, S-(tert-butyldimethylsilyl)-

Other names:	2,4-Dimethylbenzenethiol, tbdms derivative
Inchi:	InChI=1S/C14H24SSi/c1-11-8-9-13(12(2)10-11)15-16(6,7)14(3,4)5/h8-10H,1-7H3
InchiKey:	AARCD AOQVNCNMA-UHFFFAOYSA-N
Formula:	C14H24SSi
SMILES:	Cc1ccc(S[Si](C)(C)C(C)(C)C)c1
Mol. weight [g/mol]:	252.49

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.31		Crippen Method
logp	5.401		Crippen Method
rinpol	1671.50		NIST Webbook
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## Sources

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.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
NIST Webbook:	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U353014&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U353014&amp;Units=SI</a>

## Legend

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

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