

# 1,2-Benzenedithiol, S,S'-bis(trimethylsilyl)-

<b>Other names:</b>	1,2-Benzenedithiol, 2tms derivative
<b>Inchi:</b>	InChI=1S/C12H22S2Si2/c1-15(2,3)13-11-9-7-8-10-12(11)14-16(4,5)6/h7-10H,1-6H3
<b>InchiKey:</b>	CZIKHKYRFRTGOO-UHFFFAOYSA-N
<b>Formula:</b>	C12H22S2Si2
<b>SMILES:</b>	C[Si](C)(C)Sc1ccccc1S[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	286.60

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.74		Crippen Method
logp	5.541		Crippen Method
rinpol	1682.00		NIST Webbook
rinpol	1682.00		NIST Webbook

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U353065&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U353065&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307I">http://pubs.acs.org/doi/abs/10.1021/ci990307I</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>

## Legend

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

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<https://www.chemeo.com/cid/114-298-5/1-2-Benzenedithiol-S-S-bis-trimethylsilyl.pdf>

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