

4-Hydroxythiophenol, S-trimethylsilyl-, trimethylsilyl ether

Other names:	4-Mercaptophenol, 2tms derivative
Inchi:	InChI=1S/C12H22OSSi2/c1-15(2,3)13-11-7-9-12(10-8-11)14-16(4,5)6/h7-10H,1-6H3
InchiKey:	JVNSQZQIARQZNU-UHFFFAOYSA-N
Formula:	C12H22OSSi2
SMILES:	C[Si](C)(C)Oc1ccc(S[Si](C)(C)C)cc1
Mol. weight [g/mol]:	270.54

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.11		Crippen Method
logp	4.827		Crippen Method
rinpol	1581.60		NIST Webbook
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Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U353058&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

Latest version available from:

<https://www.chemeo.com/cid/119-452-8/4-Hydroxythiophenol-S-trimethylsilyl-trimethylsilyl-ether.pdf>

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