

p-Thiocresol, S-trimethylsilyl-

Other names:	4-Methylbenzenethiol, tms derivative
Inchi:	InChI=1S/C10H16SSi/c1-9-5-7-10(8-6-9)11-12(2,3)4/h5-8H,1-4H3
InchiKey:	MVGNSLRLKOUKHV-UHFFFAOYSA-N
Formula:	C10H16SSi
SMILES:	Cc1ccc(S[Si](C)(C)C)cc1
Mol. weight [g/mol]:	196.38

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.58		Crippen Method
logp	3.922		Crippen Method
rinpol	1342.60		NIST Webbook
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Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U353089&Units=SI

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/33-223-7/p-Thiocresol-S-trimethylsilyl.pdf>

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