4-(Methylmercapto)phenol, trimethylsilyl ether

Other names:	4-(Methylthio)phenol, tms derivative
Inchi:	InChI=1S/C10H16OSSi/c1-12-10-7-5-9(6-8-10)11-13(2,3)4/h5-8H,1-4H3
InchiKey:	MYVNRURPLFVALJ-UHFFFAOYSA-N
Formula:	C10H16OSSi
SMILES:	CSc1ccc(O[Si](C)(C)C)cc1
Mol. weight [g/mol]:	212.38

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.22		Crippen Method
logp	3.622		Crippen Method
rinpol	1464.80		NIST Webbook
rinpol	1464.80		NIST Webbook

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=U353055&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/94-516-5/4-Methylmercapto-phenol-trimethylsilyl-ether.pdf
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