

Thiophene-2-thiol, S-trimethylsilyl-

Other names:	2-Thiophenethiol, tms derivative
Inchi:	InChI=1S/C7H12S2Si/c1-10(2,3)9-7-5-4-6-8-7/h4-6H,1-3H3
InchiKey:	ACMPZIKLTOCAL-S-UHFFFAOYSA-N
Formula:	C7H12S2Si
SMILES:	C[Si](C)(C)Sc1cccc1
Mol. weight [g/mol]:	188.39

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.86		Crippen Method
logp	3.675		Crippen Method
rinpol	1234.80		NIST Webbook
rinpol	1234.80		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U352277&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/48-558-0/Thiophene-2-thiol-S-trimethylsilyl.pdf>

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