

# 2-(Trifluoromethyl)thiophenol, S-trimethylsilyl-

**Inchi:** InChI=1S/C10H13F3SSi/c1-15(2,3)14-9-7-5-4-6-8(9)10(11,12)13/h4-7H,1-3H3  
**InchiKey:** MMKTVXMYMBIREP-UHFFFAOYSA-N  
**Formula:** C10H13F3SSi  
**SMILES:** C[Si](C)(C)Sc1cccc1C(F)(F)F  
**Mol. weight [g/mol]:** 250.36

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.21		Crippen Method
logp	4.632		Crippen Method
rinpol	1274.00		NIST Webbook
rinpol	1274.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U353097&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.com/doc/models/crippen_log10ws)

## Legend

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

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