

2,5-bis(Trimethylsilyl)thiophene

Inchi:	InChI=1S/C10H20SSi2/c1-12(2,3)9-7-8-10(11-9)13(4,5)6/h7-8H,1-6H3
InchiKey:	FPUOKUOVIWJMDC-UHFFFAOYSA-N
Formula:	C10H20SSi2
SMILES:	C[Si](C)(C)c1ccc([Si](C)(C)C)s1
Mol. weight [g/mol]:	228.50
CAS:	17906-71-7

Physical Properties

Property code	Value	Unit	Source
ie	7.80	eV	NIST Webbook
ie	8.20	eV	NIST Webbook
ie	8.40	eV	NIST Webbook
log10ws	-6.57		Crippen Method
logp	2.838		Crippen Method

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=C17906717&Units=SI

Legend

ie:	Ionization energy
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

Latest version available from:

<https://www.chemeo.com/cid/58-201-4/2-5-bis-Trimethylsilyl-thiophene.pdf>

Generated by Cheméo on 2024-05-15 10:31:35.321375863 +0000 UTC m=+18058344.241953178.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.