2-Trimethylsilylthiophene

Other names: 2-Thienyltrimethylsilane
2-Trimethylsilylthiophene
Trimethyl-2-thienylsilane
Inchi: InChI=1S/C7H12SSi/c1-9(2,3)7-5-4-6-8-7/h4-6H,1-3H3
InchiKey: OANGLGSZPSFVDY-UHFFFAOYSA-N
Formula: C7H12SSi
SMILES: C[Si](C)(C)c1cccs1
Mol. weight [g/mol]: 156.33

Physical Properties

Property code	Value	Unit	Source
hf	-90.09	kJ/mol	Cheméo Relay (1.0)
hvap	46.52	kJ/mol	Cheméo Relay (1.0)
ie	8.10	eV	NIST Webbook
ie	8.68	eV	NIST Webbook
log10ws	-3.22		Cheméo Relay (1.0)
logp	2.293		Crippen Method
pc	2696.38	kPa	Cheméo Relay (1.0, beta)
tb	440.47	K	Cheméo Relay (1.0)
tc	640.39	K	Cheméo Relay (1.0)
tf	213.27	K	Cheméo Relay (1.0)
vc	0.479	m3/kmol	Cheméo Relay (1.0)

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C18245288&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
Cheméo Relay (1.0):
Cheméo Relay (1.0, beta):

Legend

hf:	Enthalpy of formation at standard conditions
hvap:	Enthalpy of vaporization at standard conditions
ie:	Ionization energy
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
pc:	Critical Pressure
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature
tf:	Normal melting (fusion) point
vc:	Critical Volume