4-Chloro-1-trimethylsilyloxybenzene

Other names: 4-Chloro-1-trimethylsilyloxybenzene
4-Chlorophenol, trimethylsilyl ether
Phenol, 4-chloro, TMS
Inchi: InChI=1S/C9H13ClOSi/c1-12(2,3)11-9-6-4-8(10)5-7-9/h4-7H,1-3H3
InchiKey: CJDREQROIGYMMO-UHFFFAOYSA-N
Formula: C9H13ClOSi
SMILES: C[Si](C)(C)Oc1ccc(Cl)cc1
Mol. weight [g/mol]: 200.74

Physical Properties

Property code	Value	Unit	Source
hf	-294.98	kJ/mol	Cheméo Relay (1.0)
hvap	55.50	kJ/mol	Cheméo Relay (1.0)
ie	8.74	eV	Cheméo Relay (1.0)
log10ws	-3.21		Cheméo Relay (1.0)
logp	3.554		Crippen Method
rinpol	1244.00		NIST Webbook
rinpol	1218.00		NIST Webbook
rinpol	1245.70		NIST Webbook
rinpol	1220.00		NIST Webbook
tb	497.10	K	Cheméo Relay (1.0)
tf	289.67	K	Cheméo Relay (1.0)

Sources

Cheméo Relay (1.0, beta):
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C17005593&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):

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
rinpol:	Non-polar retention indices
tb:	Normal Boiling Point Temperature
tf:	Normal melting (fusion) point