2,4-Dichlorophenol, trimethylsilyl ether

Other names: 2,4-Dichlorophenol, trimethylsilyl ether
Inchi: InChI=1S/C9H12Cl2OSi/c1-13(2,3)12-9-5-4-7(10)6-8(9)11/h4-6H,1-3H3
InchiKey: VHDCHSYJMDMWMW-UHFFFAOYSA-N
Formula: C9H12Cl2OSi
SMILES: C[Si](C)(C)Oc1ccc(Cl)cc1Cl
Mol. weight [g/mol]: 235.19

Physical Properties

Property code	Value	Unit	Source
hf	-313.73	kJ/mol	Cheméo Relay (1.0)
hvap	59.31	kJ/mol	Cheméo Relay (1.0)
ie	8.79	eV	Cheméo Relay (1.0)
log10ws	-3.67		Cheméo Relay (1.0)
logp	4.207		Crippen Method
rinpol	1345.00		NIST Webbook
rinpol	1371.60		NIST Webbook
rinpol	1377.00		NIST Webbook
rinpol	1371.60		NIST Webbook
rinpol	1345.00		NIST Webbook
rinpol	1377.00		NIST Webbook
tb	506.82	K	Cheméo Relay (1.0)
tf	308.43	K	Cheméo Relay (1.0)

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U333366&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
rinpol:	Non-polar retention indices
tb:	Normal Boiling Point Temperature
tf:	Normal melting (fusion) point