Methanal, 2,4,6-trichlorophenyl hydrazone

Inchi: InChI=1S/C7H5Cl3N2/c1-11-12-7-5(9)2-4(8)3-6(7)10/h2-3,12H,1H2
InchiKey: BXAPRBMGAJLYAC-UHFFFAOYSA-N
Formula: C7H5Cl3N2
SMILES: C=NNc1c(Cl)cc(Cl)cc1Cl
Mol. weight [g/mol]: 223.49

Physical Properties

Property code	Value	Unit	Source
hf	110.99	kJ/mol	Joback Method
hvap	57.72	kJ/mol	Joback Method
log10ws	-3.69		Crippen Method
logp	3.674		Crippen Method
mcvol	138.110	ml/mol	McGowan Method
pc	3028.94	kPa	Joback Method
rinpol	1673.00		NIST Webbook
rinpol	1673.00		NIST Webbook
tb	632.84	K	Joback Method
tc	878.92	K	Joback Method

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
Joback Method: https://en.wikipedia.org/wiki/Joback_method
McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R85170&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

hf: Enthalpy of formation at standard conditions
hvap: Enthalpy of vaporization at standard conditions

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
pc:	Critical Pressure
rinpol:	Non-polar retention indices
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature