Benzene, 1,1'-(chloroethenylidene)bis[4-chloro-

Other names: 1,1'-(Chlorovinylidene)bis[4-chlorobenzene]
1,1-Bis(p-chlorophenyl)-2-chloroethene
1,1-Bis(p-chlorophenyl)-2-chloroethylene
1-Chloro-2,2-(bis-(4-chlorophenyl)ethylene
1-Chloro-2,2-bis(p-chlorophenyl)ethylene
2,2-Bis(4-chlorophenyl)-1-chloroethylene
2,2-Bis(p-chlorophenyl)-1-chloroethylene
Benzene, 1,1'-(chloroethenylidene)bis[4-chloro-
Ethylene, 1,1-bis(p-chlorophenyl)-2-chloro-
Ethylene, 2-chloro-1,1-bis(p-chlorophenyl)-
NSC 46465
TDEE
p,p'-DDD olefin
p,p'-DDM
p,p'-DDMU
p,p'-DME
p,p'-TDE olefin
p,p'-TDEE

Inchi: InChI=1S/C14H9Cl3/c15-9-14(10-1-5-12(16)6-2-10)11-3-7-13(17)8-4-11/h1-9H

InchiKey: LNKQQZFLNUVWQQ-UHFFFAOYSA-N

Formula: C14H9Cl3

SMILES: ClC=C(c1ccc(Cl)cc1)c1ccc(Cl)cc1

Mol. weight [g/mol]: 283.58

Physical Properties

Property code	Value	Unit	Source
hf	174.29	kJ/mol	Cheméo Relay (1.0)
hfus	30.80	kJ/mol	Joback Method
hvap	88.61	kJ/mol	Cheméo Relay (1.0)
ie	8.08	eV	Cheméo Relay (1.0)
log10ws	-6.80		Cheméo Relay (1.0)
logp	5.621		Crippen Method
mcvol	193.020	ml/mol	McGowan Method
tb	630.75	K	Cheméo Relay (1.0)
tf	392.44	K	Cheméo Relay (1.0)

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	424.95	J/mol×K	699.37	Joback Method
cpg	437.67	J/mol×K	743.66	Joback Method
cpg	449.23	J/mol×K	787.96	Joback Method
cpg	459.77	J/mol×K	832.25	Joback Method
cpg	469.39	J/mol×K	876.55	Joback Method
cpg	478.23	J/mol×K	920.84	Joback Method
cpg	486.39	J/mol×K	965.14	Joback Method
hfust	25.52	kJ/mol	337.90	NIST Webbook

Sources

Joback Method:	https://en.wikipedia.org/wiki/Joback_method
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
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):	
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C1022226&Units=SI

Legend

cpg:	Ideal gas heat capacity
hf:	Enthalpy of formation at standard conditions
hfus:	Enthalpy of fusion at standard conditions
hfust:	Enthalpy of fusion at a given temperature
hvap:	Enthalpy of vaporization at standard conditions
ie:	Ionization energy
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
tb:	Normal Boiling Point Temperature
tf:	Normal melting (fusion) point

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