

BORANE, DICHLOROPHENYL-

Other names:	Dichlorophenylborane Dichlorophenylboron Phenylboron dichloride Phenyldichloroborane
Inchi:	InChI=1S/C6H5BCl2/c8-7(9)6-4-2-1-3-5-6/h1-5H
InchiKey:	NCQDQONETMHUMY-UHFFFAOYSA-N
Formula:	C6H5BCl2
SMILES:	ClB(Cl)c1ccccc1
Mol. weight [g/mol]:	158.82

Physical Properties

Property code	Value	Unit	Source
ie	9.30	eV	NIST Webbook
ie	9.52	eV	NIST Webbook
logp	1.859		Crippen Method

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
hvapt	33.70 ± 0.80	kJ/mol	295.50	NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C873518&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

hvapt:	Enthalpy of vaporization at a given temperature
ie:	Ionization energy
logp:	Octanol/Water partition coefficient

Latest version available from:

<https://www.cheméo.com/cid/73-071-2/BORANE-DICHLOROPHENYL.pdf>

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