

Borazine,2,4,6-trichloro-1,3,5-trimethyl-

Inchi:	InChI=1S/C3H9B3Cl3N3/c1-10-4(7)11(2)6(9)12(3)5(10)8/h1-3H3
InchiKey:	HPSVHYSPBRMBNK-UHFFFAOYSA-N
Formula:	C3H9B3Cl3N3
SMILES:	CN1B(Cl)N(C)B(Cl)N(C)B1Cl
Mol. weight [g/mol]:	225.92
CAS:	703-86-6

Physical Properties

Property code	Value	Unit	Source
ie	9.45	eV	NIST Webbook
log10ws	5.11		Crippen Method
logp	0.467		Crippen Method

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
hsubt	57.90	kJ/mol	383.50	NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C703866&Units=SI

Legend

hsubt:	Enthalpy of sublimation at a given temperature
ie:	Ionization energy

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient

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