

1,3,5-Triazin-2-amine, 4,6-dichloro-N-ethyl-

Other names:	s-Triazine, 2,4-dichloro-6-(ethylamino)- N-Ethylaminodichloro-s-triazine
Inchi:	InChI=1S/C5H6Cl2N4/c1-2-8-5-10-3(6)9-4(7)11-5/h2H2,1H3,(H,8,9,10,11)
InchiKey:	ACAHVXOSWOUZAB-UHFFFAOYSA-N
Formula:	C5H6Cl2N4
SMILES:	CCN=c1nc(Cl)nc(Cl)[nH]1
Mol. weight [g/mol]:	193.03
CAS:	3440-19-5

Physical Properties

Property code	Value	Unit	Source
chs	-2833.50 ± 1.60	kJ/mol	NIST Webbook
hfs	-40.80 ± 2.10	kJ/mol	NIST Webbook
log10ws	-1.67		Crippen Method
logp	0.550		Crippen Method
mcvol	121.950	ml/mol	McGowan Method

Sources

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C3440195&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

chs:	Standard solid enthalpy of combustion
hfs:	Solid phase enthalpy of formation at standard conditions
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume

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