

Cyprazine

Other names:	1,3,5-Triazine-2,4-diamine, 6-chloro-N-cyclopropyl-N'-(1-methylethyl)-s-Triazine, 2-chloro-4-(cyclopropylamino)-6-(isopropylamino)-Cyprozine K 6295 Outfox S 6115 2-Chloro-4-cyclopropylamino-6-isopropylamino-s-triazine 2-Chloro-4-cyclopropylamino-6-isopropylamino-1,3,5-triazine S-9115 6-chloro-N-cyclopropyl-N'-isopropyl-1,3,5-triazine-2,4-diamine 6-Chloro-N-cyclopropyl-N'-(1-methylethyl)-1,3,5-triazine-2,4-diamine
Inchi:	InChI=1S/C9H14ClN5/c1-5(2)11-8-13-7(10)14-9(15-8)12-6-3-4-6/h5-6H,3-4H2,1-2H3,(H2
InchiKey:	OOHIAOSLOGDBCE-UHFFFAOYSA-N
Formula:	C9H12ClN5
SMILES:	CC(C)Nc1nc(Cl)nc(NC2CC2)n1
Mol. weight [g/mol]:	225.68
CAS:	22936-86-3

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.26		Crippen Method
logp	1.920		Crippen Method
mcvol	165.190	ml/mol	McGowan Method
tf	443.54 ± 0.20	K	NIST Webbook

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
hfust	28.76	kJ/mol	441.60	NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C22936863&Units=SI

Legend

hfust:	Enthalpy of fusion at a given temperature
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
tf:	Normal melting (fusion) point

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