

3',4'-Dichloropelargoanilide

Inchi:	InChI=1S/C15H21Cl2NO/c1-2-3-4-5-6-7-8-15(19)18-12-9-10-13(16)14(17)11-12/h9-11H,
InchiKey:	KSVLDJIGCFTTDY-UHFFFAOYSA-N
Formula:	C15H21Cl2NO
SMILES:	CCCCCCCCC(O)=Nc1ccc(Cl)c(Cl)c1
Mol. weight [g/mol]:	302.24

Physical Properties

Property code	Value	Unit	Source
hf	-250.62	kJ/mol	Joback Method
hvap	81.43	kJ/mol	Joback Method
log10ws	-6.16		Crippen Method
logp	6.332		Crippen Method
mcvol	234.480	ml/mol	McGowan Method
pc	1681.03	kPa	Joback Method
rinpol	2430.00		NIST Webbook
tb	822.84	K	Joback Method
tc	1030.83	K	Joback Method

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
Joback Method:	https://en.wikipedia.org/wiki/Joback_method
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R149072&Units=SI

Legend

hf:	Enthalpy of formation at standard conditions
hvap:	Enthalpy of vaporization at standard conditions
log10ws:	Log10 of Water solubility in mol/l

logP:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
pc:	Critical Pressure
rinpol:	Non-polar retention indices
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature

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