

# 3',4'-Dichloropelarganilide

**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:** CCCCCCCC(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
rinsol	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](https://www.chemeo.com/doc/models/crippen_log10ws)  
**Joback Method:** [https://en.wikipedia.org/wiki/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

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

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