

Benzamide, 2-chloro-N-propyl-

Inchi:	InChI=1S/C10H12ClNO/c1-2-7-12-10(13)8-5-3-4-6-9(8)11/h3-6H,2,7H2,1H3,(H,12,13)
InchiKey:	VJLMNWHJVYHPCP-UHFFFAOYSA-N
Formula:	C10H12ClNO
SMILES:	CCCN=C(O)c1ccccc1Cl
Mol. weight [g/mol]:	197.66

Physical Properties

Property code	Value	Unit	Source
hf	-120.21	kJ/mol	Joback Method
hvap	65.25	kJ/mol	Joback Method
log10ws	-2.88		Crippen Method
logp	3.055		Crippen Method
mcvol	151.790	ml/mol	McGowan Method
pc	2749.78	kPa	Joback Method
rinpol	1674.00		NIST Webbook
rinpol	1674.00		NIST Webbook
tb	666.03	K	Joback Method
tc	881.46	K	Joback Method

Sources

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=U407428&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

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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