Pentanamide, N-tetrahydrofurfuryl-5-chloro-

Inchi: InChI=1S/C10H18ClNO2/c11-6-2-1-5-10(13)12-8-9-4-3-7-14-9/h9H,1-8H2,(H,12,13)
InchiKey: LGSZKARSGCPNGG-UHFFFAOYSA-N
Formula: C10H18ClNO2
SMILES: OC(CCCCCl)=NCC1CCCO1
Mol. weight [g/mol]: 219.71

Physical Properties

Property code	Value	Unit	Source
hf	-416.79	kJ/mol	Joback Method
hvap	67.08	kJ/mol	Joback Method
log10ws	-2.24		Crippen Method
logp	2.531		Crippen Method
mcvol	170.560	ml/mol	McGowan Method
pc	2374.90	kPa	Joback Method
rinpol	1783.00		NIST Webbook
tb	676.60	K	Joback Method
tc	877.65	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=U307357&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
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