

Acetamide, n-(7-aminofluoren-2-yl)-

Inchi:	InChI=1S/C15H14N2O/c1-9(18)17-13-3-5-15-11(8-13)6-10-7-12(16)2-4-14(10)15/h2-5,7
InchiKey:	ZGXXXAPHAKMYLA-UHFFFAOYSA-N
Formula:	C15H14N2O
SMILES:	CC(O)=Nc1ccc2c(c1)Cc1cc(N)ccc1-2
Mol. weight [g/mol]:	238.28
CAS:	6957-50-2

Physical Properties

Property code	Value	Unit	Source
hf	133.70	kJ/mol	Joback Method
hvap	86.78	kJ/mol	Joback Method
log10ws	-4.44		Crippen Method
logp	3.448		Crippen Method
mcvol	185.360	ml/mol	McGowan Method
pc	2787.66	kPa	Joback Method
tb	860.02	K	Joback Method
tc	1100.42	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=C6957502&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
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature

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