2-Butenamide, N-tetrahydrofurfuryl-3-methyl-

Inchi: InChI=1S/C10H17NO2/c1-8(2)6-10(12)11-7-9-4-3-5-13-9/h6,9H,3-5,7H2,1-2H3,(H,11,12)
InchiKey: WWRMNBJPKBQHKY-UHFFFAOYSA-N
Formula: C10H17NO2
SMILES: CC(C)=CC(O)=NCC1CCCO1
Mol. weight [g/mol]: 183.25

Physical Properties

Property code	Value	Unit	Source
hf	-293.62	kJ/mol	Joback Method
hvap	62.73	kJ/mol	Joback Method
log10ws	-1.94		Crippen Method
logp	2.088		Crippen Method
mcvol	154.020	ml/mol	McGowan Method
pc	2608.40	kPa	Joback Method
rinpol	1546.00		NIST Webbook
rinpol	1546.00		NIST Webbook
tb	643.21	K	Joback Method
tc	851.31	K	Joback Method

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
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=U307266&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