N-Acetyltyramine

Other names: Acetamide, N-[2-(4-hydroxyphenyl)ethyl]-
N-(p-Hydroxyphenethyl) acetamide
N-(2-(4-Hydroxyphenyl)ethyl)acetamide
Inchi: InChI=1S/C10H13NO2/c1-8(12)11-7-6-9-2-4-10(13)5-3-9/h2-5,13H,6-7H2,1H3,(H,11,12)
InchiKey: ATDWJOOPFDQZNK-UHFFFAOYSA-N
Formula: C10H13NO2
SMILES: CC(O)=NCCc1ccc(O)cc1
Mol. weight [g/mol]: 179.22
CAS: 1202-66-0

Physical Properties

Property code	Value	Unit	Source
hf	-270.31	kJ/mol	Joback Method
hvap	73.22	kJ/mol	Joback Method
log10ws	-1.64		Crippen Method
logp	1.911		Crippen Method
mcvol	145.420	ml/mol	McGowan Method
pc	3435.91	kPa	Joback Method
tb	704.24	K	Joback Method
tc	924.08	K	Joback Method

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C1202660&Units=SI
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

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