

# 2-(O-ethylanilino)ethanol

<b>Inchi:</b>	InChI=1S/C10H15NO/c1-2-9-5-3-4-6-10(9)11-7-8-12/h3-6,11-12H,2,7-8H2,1H3
<b>InchiKey:</b>	WRDNDQAJVPZACU-UHFFFAOYSA-N
<b>Formula:</b>	C10H15NO
<b>SMILES:</b>	CCc1ccccc1NCCO
<b>Mol. weight [g/mol]:</b>	165.23
<b>CAS:</b>	30573-52-5

## Physical Properties

Property code	Value	Unit	Source
gf	88.67	kJ/mol	Joback Method
hf	-123.43	kJ/mol	Joback Method
hfus	24.50	kJ/mol	Joback Method
hvap	63.91	kJ/mol	Joback Method
log10ws	-1.97		Crippen Method
logp	1.653		Crippen Method
mcvol	143.850	ml/mol	McGowan Method
pc	3239.34	kPa	Joback Method
tb	602.21	K	Joback Method
tc	796.63	K	Joback Method
tf	354.88	K	Joback Method
vc	0.541	m3/kmol	Joback Method

## Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	359.49	J/molxK	602.21	Joback Method
cpg	371.69	J/molxK	634.61	Joback Method
cpg	383.23	J/molxK	667.02	Joback Method
cpg	394.12	J/molxK	699.42	Joback Method
cpg	404.39	J/molxK	731.82	Joback Method
cpg	414.07	J/molxK	764.23	Joback Method
cpg	423.20	J/molxK	796.63	Joback Method

# Sources

<b>McGowan Method:</b>	<a href="http://link.springer.com/article/10.1007/BF02311772">http://link.springer.com/article/10.1007/BF02311772</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C30573525&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C30573525&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307I">http://pubs.acs.org/doi/abs/10.1021/ci990307I</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
<b>Joback Method:</b>	<a href="https://en.wikipedia.org/wiki/Joback_method">https://en.wikipedia.org/wiki/Joback_method</a>

# Legend

<b>cpg:</b>	Ideal gas heat capacity
<b>gf:</b>	Standard Gibbs free energy of formation
<b>hf:</b>	Enthalpy of formation at standard conditions
<b>hfus:</b>	Enthalpy of fusion at standard conditions
<b>hvap:</b>	Enthalpy of vaporization at standard conditions
<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>mccvol:</b>	McGowan's characteristic volume
<b>pc:</b>	Critical Pressure
<b>tb:</b>	Normal Boiling Point Temperature
<b>tc:</b>	Critical Temperature
<b>tf:</b>	Normal melting (fusion) point
<b>vc:</b>	Critical Volume

Latest version available from:

<https://www.chemeo.com/cid/48-426-6/2-O-ethylanilino-ethanol.pdf>

Generated by Cheméo on 2024-09-16 02:36:13.076484411 +0000 UTC m=+1035035.713453659.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.