

# Nortriptyline M(HO)

<b>Inchi:</b>	InChI=1S/C18H19NO/c19-11-3-6-18-16-5-2-1-4-13(16)7-8-14-12-15(20)9-10-17(14)18/h
<b>InchiKey:</b>	YKQPAHOHAGIYLG-NGYBGAFCSA-N
<b>Formula:</b>	C18H19NO
<b>SMILES:</b>	NCCC=C1c2ccccc2CCc2cc(O)ccc21
<b>Mol. weight [g/mol]:</b>	265.35

## Physical Properties

Property code	Value	Unit	Source
gf	331.99	kJ/mol	Joback Method
hf	60.92	kJ/mol	Joback Method
hfus	38.05	kJ/mol	Joback Method
hvap	86.20	kJ/mol	Joback Method
log10ws	-4.49		Crippen Method
logp	3.271		Crippen Method
mvol	217.650	ml/mol	McGowan Method
pc	2724.01	kPa	Joback Method
rinpol	2670.00		NIST Webbook
rinpol	2670.00		NIST Webbook
tb	845.76	K	Joback Method
tc	1100.86	K	Joback Method
tf	598.02	K	Joback Method
vc	0.763	m <sup>3</sup> /kmol	Joback Method

## Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	649.99	J/molxK	845.76	Joback Method
cpg	665.01	J/molxK	888.28	Joback Method
cpg	679.45	J/molxK	930.79	Joback Method
cpg	693.55	J/molxK	973.31	Joback Method
cpg	707.52	J/molxK	1015.82	Joback Method
cpg	721.58	J/molxK	1058.34	Joback Method
cpg	735.95	J/molxK	1100.86	Joback Method

# Sources

<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</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>
<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=R213400&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R213400&amp;Units=SI</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>mcvol:</b>	McGowan's characteristic volume
<b>pc:</b>	Critical Pressure
<b>rinpola:</b>	Non-polar retention indices
<b>tb:</b>	Normal Boiling Point Temperature
<b>tc:</b>	Critical Temperature
<b>tf:</b>	Normal melting (fusion) point
<b>vc:</b>	Critical Volume

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