

# Noxiptiline

<b>Other names:</b>	10,11-Dihydro-5H-dibenzo[a,d]cyclohepten-5-one O-[2-dimethylamino)ethyl]oxime Noxiptyline Dibenzoxin Noxiptilin Noxiptylin
<b>Inchi:</b>	InChI=1S/C19H22N2O/c1-21(2)13-14-22-20-19-17-9-5-3-7-15(17)11-12-16-8-4-6-10-18(
<b>InchiKey:</b>	GPTURHKXTUDRPC-UHFFFAOYSA-N
<b>Formula:</b>	C19H22N2O
<b>SMILES:</b>	CN(C)CCON=C1c2ccccc2CCc2ccccc21
<b>Mol. weight [g/mol]:</b>	294.39
<b>CAS:</b>	3362-45-6

## Physical Properties

Property code	Value	Unit	Source
hf	84.11	kJ/mol	Joback Method
hvap	72.58	kJ/mol	Joback Method
log10ws	-3.82		Crippen Method
logp	3.116		Crippen Method
mcvol	241.720	ml/mol	McGowan Method
pc	1744.82	kPa	Joback Method
rinpol	2267.00		NIST Webbook
rinpol	2265.00		NIST Webbook
rinpol	2269.00		NIST Webbook
rinpol	2268.00		NIST Webbook
tb	822.87	K	Joback Method
tc	1059.41	K	Joback Method

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C3362456&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C3362456&amp;Units=SI</a>
<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>

# Legend

<b>hf:</b>	Enthalpy of formation at standard conditions
<b>h<sub>vap</sub>:</b>	Enthalpy of vaporization at standard conditions
<b>log<sub>10</sub>ws:</b>	Log <sub>10</sub> of Water solubility in mol/l
<b>log<sub>p</sub>:</b>	Octanol/Water partition coefficient
<b>mcvol:</b>	McGowan's characteristic volume
<b>pc:</b>	Critical Pressure
<b>rinpol:</b>	Non-polar retention indices
<b>tb:</b>	Normal Boiling Point Temperature
<b>tc:</b>	Critical Temperature

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