

# Borazine, 1,3,5-trimethyl-

<b>Other names:</b>	1,3,5-Trimethylborazine N,N',N''-Trimethylborazine Trimethylborazine
<b>Inchi:</b>	InChI=1S/C3H12B3N3/c1-7-4-8(2)6-9(3)5-7/h4-6H,1-3H3
<b>InchiKey:</b>	SIJDQNVSAGQBND-UHFFFAOYSA-N
<b>Formula:</b>	C3H12B3N3
<b>SMILES:</b>	CN1BN(C)BN(C)B1
<b>Mol. weight [g/mol]:</b>	122.58
<b>CAS:</b>	1004-35-9

## Physical Properties

Property code	Value	Unit	Source
ie	9.07	eV	NIST Webbook
ie	8.99	eV	NIST Webbook
ie	9.28 ± 0.02	eV	NIST Webbook
log10ws	7.97		Crippen Method
logp	-2.405		Crippen 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>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C1004359&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C1004359&amp;Units=SI</a>

## Legend

<b>ie:</b>	Ionization energy
<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient

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