

# Boron, trihydro(pyridine)-, (T-4)-

<b>Other names:</b>	Pyridine, compd. with borane (1:1) Pyridine borane Borane-pyridine complex Boron, trihydro(pyridine)- Pyridine, compound with borane(1:1) pyridine--borane (1:1)
<b>Inchi:</b>	InChI=1S/C5H8BN/c6-7-4-2-1-3-5-7/h1-5H,6H3
<b>InchiKey:</b>	LPGWNCNRGQANGC-UHFFFAOYSA-N
<b>Formula:</b>	C5H8BN
<b>SMILES:</b>	[BH2-][n+]1cccc1
<b>Mol. weight [g/mol]:</b>	92.94
<b>CAS:</b>	110-51-0

## Physical Properties

Property code	Value	Unit	Source
ie	9.72	eV	NIST Webbook
log10ws	0.41		Crippen Method
logp	-0.630		Crippen Method

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C110510&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C110510&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>

## 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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<https://www.chemeo.com/cid/88-055-4/Boron-trihydro-pyridine-T-4.pdf>

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