

# Borinic acid, diethyl-, anhydride

<b>Other names:</b>	Borane, oxybis[diethyl- Bis(diethylboron) oxide Borane, oxybis*diethyl- Tetraethyldiboroxane
<b>Inchi:</b>	InChI=1S/C8H20B2O/c1-5-9(6-2)11-10(7-3)8-4/h5-8H2,1-4H3
<b>InchiKey:</b>	IHJOGPLOOPPMR-UHFFFAOYSA-N
<b>Formula:</b>	C8H20B2O
<b>SMILES:</b>	CCB(CC)OB(CC)CC
<b>Mol. weight [g/mol]:</b>	153.87
<b>CAS:</b>	7318-84-5

## Physical Properties

Property code	Value	Unit	Source
log10ws	1.57		Crippen Method
logp	3.066		Crippen Method

## Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
hvapt	42.90	kJ/mol	382.00	NIST Webbook

## Sources

<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=C7318845&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C7318845&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>

# Legend

**hvapt:** Enthalpy of vaporization at a given temperature  
**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient

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