

# Trimesitylborane

<b>Other names:</b>	Trimesityl boron Borane, trimesityl- Borane, tris(2,4,6-trimethylphenyl)- Tris(2,4,6-trimethylphenyl)borane
<b>Inchi:</b>	InChI=1S/C27H33B/c1-16-10-19(4)25(20(5)11-16)28(26-21(6)12-17(2)13-22(26)7)27-23
<b>InchiKey:</b>	FXFWLXFJBVILBE-UHFFFAOYSA-N
<b>Formula:</b>	C27H33B
<b>SMILES:</b>	<chem>Cc1cc(C)c(B(c2c(C)cc(C)cc2C)c2c(C)cc(C)cc2C)c(C)c1</chem>
<b>Mol. weight [g/mol]:</b>	368.36
<b>CAS:</b>	7297-95-2

## Physical Properties

Property code	Value	Unit	Source
log10ws	-18.39		Crippen Method
logp	4.979		Crippen Method

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C7297952&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C7297952&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>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient

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