

# Boric acid, trihexyl ester

<b>Other names:</b>	Hexyl orthoborate Trihexyl borate Hexyl borate, tri- Tri-n-hexyl borate
<b>Inchi:</b>	InChI=1S/C18H39BO3/c1-4-7-10-13-16-20-19(21-17-14-11-8-5-2)22-18-15-12-9-6-3/h4-
<b>InchiKey:</b>	KDQYHGMMZKMCAA-UHFFFAOYSA-N
<b>Formula:</b>	C18H39BO3
<b>SMILES:</b>	CCCCCOB(OCCCCC)OCCCCC
<b>Mol. weight [g/mol]:</b>	314.31
<b>CAS:</b>	5337-36-0

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.87		Crippen Method
logp	5.762		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=C5337360&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C5337360&amp;Units=SI</a>

## Legend

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

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