

Tricyclohexylborane

Other names:	Tricyclohexylboron
Inchi:	InChI=1S/C18H33B/c1-4-10-16(11-5-1)19(17-12-6-2-7-13-17)18-14-8-3-9-15-18/h16-18H
InchiKey:	SJXLNIDKIYXLBL-UHFFFAOYSA-N
Formula:	C18H33B
SMILES:	C1CCC(B(C2CCCCC2)C2CCCCC2)CC1
Mol. weight [g/mol]:	260.27
CAS:	1088-01-3

Physical Properties

Property code	Value	Unit	Source
hsub	81.60 ± 4.20	kJ/mol	NIST Webbook
log10ws	-4.54		Crippen Method
logp	6.484		Crippen Method

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C1088013&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

Legend

hsub:	Enthalpy of sublimation at standard conditions
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

Latest version available from:

<https://www.chemeo.com/cid/73-829-1/Tricyclohexylborane.pdf>

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