

BORANE, TRICYCLOHEXYL-

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

Physical Properties

Property code	Value	Unit	Source
hf	-265.93	kJ/mol	Cheméo Relay (1.0)
hsub	81.60 ± 4.20	kJ/mol	NIST Webbook
hvap	74.85	kJ/mol	Cheméo Relay (1.0)
ie	8.68	eV	Cheméo Relay (1.0)
logp	6.484		Crippen Method
tb	633.55	K	Cheméo Relay (1.0)

Sources

Cheméo Relay (1.0, beta):	
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C1088013&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307I
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
Cheméo Relay (1.0):	

Legend

hf:	Enthalpy of formation at standard conditions
hsub:	Enthalpy of sublimation at standard conditions
hvap:	Enthalpy of vaporization at standard conditions
ie:	Ionization energy
logp:	Octanol/Water partition coefficient

tb: Normal Boiling Point Temperature

Latest version available from:

<https://www.cheméo.com/cid/73-829-1/BORANE-TRICYCLOHEXYL.pdf>

Generated by Cheméo on 2026-07-22 02:45:50.343955724 +0000 UTC m=+199446.185841134.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.