

Borane, tripropyl-

Other names:	Borine, tripropyl- Tripropylborane
Inchi:	InChI=1S/C9H21B/c1-4-7-10(8-5-2)9-6-3/h4-9H2,1-3H3
InchiKey:	ZMPKTELQGVLZTD-UHFFFAOYSA-N
Formula:	C9H21B
SMILES:	CCCB(CCC)CCC
Mol. weight [g/mol]:	140.07
CAS:	1116-61-6

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.09		Crippen Method
logp	3.711		Crippen Method

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
hvapt	40.00	kJ/mol	333.00	NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C1116616&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

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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