

BORANE, TRIS(1-METHYLETHYL)-

Other names:	Triisopropylborane
Inchi:	InChI=1S/C9H21B/c1-7(2)10(8(3)4)9(5)6/h7-9H,1-6H3
InchiKey:	ZTKBVWUYLHTIBB-UHFFFAOYSA-N
Formula:	C9H21B
SMILES:	CC(C)B(C(C)C)C(C)C
Mol. weight [g/mol]:	140.08

Physical Properties

Property code	Value	Unit	Source
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

Cheméo Relay (1.0, beta):

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C1776665&Units=SI>

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Cheméo Relay (1.0):

Legend

hvapt: Enthalpy of vaporization at a given temperature

logp: Octanol/Water partition coefficient

Latest version available from:

<https://www.chemeo.com/cid/61-237-1/BORANE-TRIS-1-METHYLETHYL.pdf>

Generated by Cheméo on 2026-07-24 23:06:51.320843027 +0000 UTC m=+445507.162728448.

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