

Boron, tetrapropylbis[«mu»-(1H-pyrazolato-N1:N2)]di-

Other names:	4,4,8,8-Tetrapropylpyrazabole
Inchi:	InChI=1S/C18H34B2N4/c1-5-11-19(12-6-2)21-15-9-17-23(21)20(13-7-3,14-8-4)24-18-10
InchiKey:	JAOPSGIYOJHALC-UHFFFAOYSA-N
Formula:	C18H34B2N4
SMILES:	CCC[B-]1(CCC)n2ccc[n+]2[B-](CCC)(CCC)[n+]2cccn21
Mol. weight [g/mol]:	328.11
CAS:	77189-78-7

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.31		Crippen Method
logp	3.495		Crippen Method

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
hfust	33.00	kJ/mol	382.20	NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C77189787&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

Legend

hfust:	Enthalpy of fusion at a given temperature
log10ws:	Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

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