

Ethyleneglycol-n-butylboronate

Other names:	1-Butaneboronic acid, cyclic ethylene ester
Inchi:	InChI=1S/C6H13BO2/c1-2-3-4-7-8-5-6-9-7/h2-6H2,1H3
InchiKey:	AHIHJFKMKFKEDJ-UHFFFAOYSA-N
Formula:	C6H13BO2
SMILES:	CCCCB1OCCO1
Mol. weight [g/mol]:	127.98
CAS:	10173-39-4

Physical Properties

Property code	Value	Unit	Source
log10ws	0.93		Crippen Method
logp	1.321		Crippen Method

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
hvapt	40.20	kJ/mol	329.00	NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C10173394&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

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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