

B-Borazinyl radical

Inchi:	InChI=1S/B3H5N3/c1-4-2-6-3-5-1/h1-2,4-6H
InchiKey:	OBXXJNVYHUQZRU-UHFFFAOYSA-N
Formula:	B3H5N3
SMILES:	[B]1NBNBN1
Mol. weight [g/mol]:	79.49
CAS:	61110-11-0

Physical Properties

Property code	Value	Unit	Source
affp	803.00	kJ/mol	NIST Webbook
basg	770.60	kJ/mol	NIST Webbook
log10ws	7.12		Crippen Method
logp	-3.164		Crippen Method

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C61110110&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

affp:	Proton affinity
basg:	Gas basicity
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

Latest version available from:

<https://www.chemeo.com/cid/62-603-3/B-Borazinyl-radical.pdf>

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