

Quinoxaline, 6-methyl-

Other names:	6-Methylquinoxaline
Inchi:	InChI=1S/C9H8N2/c1-7-2-3-8-9(6-7)11-5-4-10-8/h2-6H,1H3
InchiKey:	OSRARURJYPOUOV-UHFFFAOYSA-N
Formula:	C9H8N2
SMILES:	Cc1ccc2nccnc2c1
Mol. weight [g/mol]:	144.17
CAS:	6344-72-5

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.28		Crippen Method
logp	1.938		Crippen Method
mcvol	114.410	ml/mol	McGowan Method
tb	516.90 ± 2.00	K	NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C6344725&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
tb:	Normal Boiling Point Temperature

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<https://www.chemeo.com/cid/49-303-1/Quinoxaline-6-methyl.pdf>

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