Quinoxaline, 2-methyl-

Other names: 2-Methylquinoxaline
Inchi: InChI=1S/C9H8N2/c1-7-6-10-8-4-2-3-5-9(8)11-7/h2-6H,1H3
InchiKey: ALHUXMDEZNLFTA-UHFFFAOYSA-N
Formula: C9H8N2
SMILES: Cc1cnc2ccccc2n1
Mol. weight [g/mol]: 144.17
CAS: 7251-61-8

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.28		Crippen Method
logp	1.938		Crippen Method
mcvol	114.410	ml/mol	McGowan Method
rinpol	1272.00		NIST Webbook
rinpol	1262.00		NIST Webbook
rinpol	1304.00		NIST Webbook
rinpol	1272.00		NIST Webbook
rinpol	1262.00		NIST Webbook
ripol	1936.00		NIST Webbook
ripol	1941.00		NIST Webbook
ripol	1936.00		NIST Webbook
tb	519.20	K	NIST Webbook

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C7251618&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
rinpol:	Non-polar retention indices
ripol:	Polar retention indices
tb:	Normal Boiling Point Temperature