2-Quinolinamine

Other names:	Quinoline, 2-amino- 2-Aminoquinoline quinolin-2-amine
Inchi:	InChI=1S/C9H8N2/c10-9-6-5-7-3-1-2-4-8(7)11-9/h1-6H,(H2,10,11)
InchiKey:	GCMNJUJAKQGROZ-UHFFFAOYSA-N
Formula:	C9H8N2
SMILES:	Nc1ccc2ccccc2n1
Mol. weight [g/mol]:	144.17
CAS:	580-22-3

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.68		Crippen Method
logp	1.817		Crippen Method
mcvol	114.410	ml/mol	McGowan Method
tf	402.65 ± 1.50	K	NIST Webbook

Sources

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C580223&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
tf:	Normal melting (fusion) point

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