7-Quinolinamine

Other names: Quinoline, 7-amino-
7-Aminoquinoline
7-Quinolylamine
Inchi: InChI=1S/C9H8N2/c10-8-4-3-7-2-1-5-11-9(7)6-8/h1-6H,10H2
InchiKey: RZAUIOKDXQWSQE-UHFFFAOYSA-N
Formula: C9H8N2
SMILES: Nc1ccc2cccnc2c1
Mol. weight [g/mol]: 144.17
CAS: 580-19-8

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	366.65 ± 1.50	K	NIST Webbook
tf	367.00 ± 2.00	K	NIST Webbook

Sources

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=C580198&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
mcvol: McGowan's characteristic volume
tf: Normal melting (fusion) point