

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:	Nc1ccc2cccn2c1
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

Latest version available from:

<https://www.chemeo.com/cid/35-616-9/7-Quinolinamine.pdf>

Generated by Cheméo on 2025-12-23 16:22:54.881978689 +0000 UTC m=+6255172.412019351.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.