

Quinoline, 7-ethyl-

Other names:	7-Ethylquinoline
Inchi:	InChI=1S/C11H11N/c1-2-9-5-6-10-4-3-7-12-11(10)8-9/h3-8H,2H2,1H3
InchiKey:	UHZSEKVLKZMTR-UHFFFAOYSA-N
Formula:	C11H11N
SMILES:	CCc1ccc2cccnc2c1
Mol. weight [g/mol]:	157.21
CAS:	7661-47-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.84		Crippen Method
logp	2.797		Crippen Method
mcvol	132.610	ml/mol	McGowan Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C7661474&Units=SI
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

Legend

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

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