

1-Piperidinecarboxamide, N-phenyl-

Other names:	Piperidyl formanilide
Inchi:	InChI=1S/C12H16N2O/c15-12(14-9-5-2-6-10-14)13-11-7-3-1-4-8-11/h1,3-4,7-8H,2,5-6,9
InchiKey:	UICIJOHWFFTRLI-UHFFFAOYSA-N
Formula:	C12H16N2O
SMILES:	OC(=Nc1ccccc1)N1CCCCC1
Mol. weight [g/mol]:	204.27
CAS:	2645-36-5

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.49		Crippen Method
logp	2.718		Crippen Method
mcvol	166.850	ml/mol	McGowan Method

Sources

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
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C2645365&Units=SI

Legend

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

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