

1-Ethyl-2-pyrrolidone-4-carboxamide

Inchi:	InChI=1S/C7H12N2O2/c1-2-9-4-5(7(8)11)3-6(9)10/h5H,2-4H2,1H3,(H2,8,11)
InchiKey:	TWJSDJTWVVOXRT-UHFFFAOYSA-N
Formula:	C7H12N2O2
SMILES:	CCN1CC(C(N)=O)CC1=O
Mol. weight [g/mol]:	156.18
CAS:	89852-01-7

Physical Properties

Property code	Value	Unit	Source
log10ws	0.04		Crippen Method
logp	-0.660		Crippen Method
mcvol	121.730	ml/mol	McGowan Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C89852017&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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