3-(1-pyrrolidinyl)-2-pentanone

Inchi: InChI=1S/C9H17NO/c1-3-9(8(2)11)10-6-4-5-7-10/h9H,3-7H2,1-2H3
InchiKey: RDPXXKUWQXFOHG-UHFFFAOYSA-N
Formula: C9H17NO
SMILES: CCC(C(C)=O)N1CCCC1
Mol. weight [g/mol]: 155.24

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.45		Crippen Method
logp	1.450		Crippen Method
mcvol	138.360	ml/mol	McGowan Method
ripol	1477.00		NIST Webbook
ripol	1477.00		NIST Webbook

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R312200&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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

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