Succinimide, n-acetoxy-

Other names: 1-(acetoxy)pyrrolidine-2,5-dione
Inchi: InChI=1S/C6H7NO4/c1-4(8)11-7-5(9)2-3-6(7)10/h2-3H2,1H3
InchiKey: SIFCHNIAAPMMKG-UHFFFAOYSA-N
Formula: C6H7NO4
SMILES: CC(=O)ON1C(=O)CCC1=O
Mol. weight [g/mol]: 157.12
CAS: 14464-29-0

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.20		Crippen Method
logp	-0.387		Crippen Method
mcvol	105.100	ml/mol	McGowan Method

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C14464290&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
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