N-(Cyclohexyl)succinimide

Inchi: InChI=1S/C10H15NO2/c12-9-6-7-10(13)11(9)8-4-2-1-3-5-8/h8H,1-7H2
InchiKey: JHULURRVRLTSRD-UHFFFAOYSA-N
Formula: C10H15NO2
SMILES: O=C1CCC(=O)N1C1CCCCC1
Mol. weight [g/mol]: 181.23
CAS: 6301-71-9

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.03		Crippen Method
logp	1.468		Crippen Method
mcvol	143.160	ml/mol	McGowan Method

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C6301719&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