

# N-(Cyclohexyl)succinimide

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

<b>McGowan Method:</b>	<a href="http://link.springer.com/article/10.1007/BF02311772">http://link.springer.com/article/10.1007/BF02311772</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C6301719&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C6301719&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>

## Legend

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

Latest version available from:

<https://www.chemeo.com/cid/65-457-3/N-Cyclohexyl-succinimide.pdf>

Generated by Cheméo on 2024-04-26 16:28:51.913547144 +0000 UTC m=+16438180.834124454.

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