

N-n-ethyl succinimide

Other names:	Succinimide, n-n-ethyl-
Inchi:	InChI=1S/C9H15NO2/c1-2-3-4-7-10-8(11)5-6-9(10)12/h2-7H2,1H3
InchiKey:	NEQDNPLLVBQNJ-UHFFFAOYSA-N
Formula:	C9H15NO2
SMILES:	CCCCCN1C(=O)CCC1=O
Mol. weight [g/mol]:	169.22
CAS:	5332-35-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.61		Crippen Method
logp	1.326		Crippen Method
mcvol	139.930	ml/mol	McGowan Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C5332354&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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