

Succinimide, n-[2-(2-oxo-3-oxazolidinyl)ethyl]-

Inchi: InChI=1S/C9H12N2O4/c12-7-1-2-8(13)11(7)4-3-10-5-6-15-9(10)14/h1-6H2
InchiKey: DBCKMONISGXMBH-UHFFFAOYSA-N
Formula: C9H12N2O4
SMILES: O=C1OCCN1CCN1C(=O)CCC1=O
Mol. weight [g/mol]: 212.20
CAS: 31673-59-3

Physical Properties

Property code	Value	Unit	Source
log10ws	0.09		Crippen Method
logp	-0.412		Crippen Method
mcvol	146.490	ml/mol	McGowan Method

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C31673593&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

Latest version available from:

<https://www.chemeo.com/cid/14-773-8/Succinimide-n-2-2-oxo-3-oxazolidinyl-ethyl.pdf>

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