3-Butyl-2-oxo-1,3-oxazolidine

Other names: 3-Butyl-2-oxazolidone
Inchi: InChI=1S/C7H13NO2/c1-2-3-4-8-5-6-10-7(8)9/h2-6H2,1H3
InchiKey: NTLVIXAKEULZBM-UHFFFAOYSA-N
Formula: C7H13NO2
SMILES: CCCCN1CCOC1=O
Mol. weight [g/mol]: 143.18
CAS: 23288-01-9

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.06		Crippen Method
logp	1.239		Crippen Method
mcvol	116.050	ml/mol	McGowan Method

Sources

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
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C23288019&Units=SI

Legend

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