

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

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<https://www.chemeo.com/cid/98-651-1/3-Butyl-2-oxo-1-3-oxazolidine.pdf>

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