

2-Oxazolidinone, 3-methyl-

Other names:	N-Methyloxazolidone 3-Methyl-2-oxazolidinone 3-Methyl-2-oxazolidone N-Methyl-2-oxazolidinone N-Methyl-2-oxazolidone 3-methyloxazolidin-2-one
Inchi:	InChI=1S/C4H7NO2/c1-5-2-3-7-4(5)6/h2-3H2,1H3
InchiKey:	VWIIJDNADIEEDB-UHFFFAOYSA-N
Formula:	C4H7NO2
SMILES:	CN1CCOC1=O
Mol. weight [g/mol]:	101.10
CAS:	19836-78-3

Physical Properties

Property code	Value	Unit	Source
log10ws	0.20		Crippen Method
logp	0.068		Crippen Method
mcvol	73.780	ml/mol	McGowan Method

Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
tbrp	361.70	K	0.10	NIST Webbook

Sources

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C19836783&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
tbrp:	Boiling point at reduced pressure

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