

2-Oxazolidinone, 3-(2-hydroxypropyl)-5-methyl-

Other names:	3-(2-Hydroxypropyl)-5-methyloxazolid-2-one 3-(2-Hydroxypropyl)-5-methyl-2-oxazolidinone
Inchi:	InChI=1S/C7H13NO3/c1-5(9)3-8-4-6(2)11-7(8)10/h5-6,9H,3-4H2,1-2H3
InchiKey:	HJXDCFUIDHJETK-UHFFFAOYSA-N
Formula:	C7H13NO3
SMILES:	CC(O)CN1CC(C)OC1=O
Mol. weight [g/mol]:	159.18
CAS:	3375-84-6

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.54		Crippen Method
logp	0.208		Crippen Method
mcvol	121.920	ml/mol	McGowan Method

Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
tbrp	406.50 ± 1.50	K	0.07	NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C3375846&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307I
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
tbrp:	Boiling point at reduced pressure

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