

3-(2-Hydroxyethyl)-2-oxazolidinone

Other names:	3-(2'-Hydroxyethyl)-2-oxazolidone N-Hydroxyethyl-2-oxazolidone 2-Oxazolidinone, 3-(2-hydroxyethyl)-
Inchi:	InChI=1S/C5H9NO3/c7-3-1-6-2-4-9-5(6)8/h7H,1-4H2
InchiKey:	GOXNUYXRIQJIEF-UHFFFAOYSA-N
Formula:	C5H9NO3
SMILES:	O=C1OCCN1CCO
Mol. weight [g/mol]:	131.13
CAS:	3356-88-5

Physical Properties

Property code	Value	Unit	Source
log10ws	0.52		Crippen Method
logp	-0.569		Crippen Method
mcvol	93.740	ml/mol	McGowan Method

Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
tbrp	435.00	K	0.10	NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C3356885&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
tbrp:	Boiling point at reduced pressure

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