4-(2-Hydroxypropyl)morpholine

Other names:	1-N-Morpholino-2-propanol
	N-(«beta»-Hydroxypropyl)morpholine
	N-(2-Hydroxypropyl)morpholine
	4-Morpholineethanol, «alpha»-methyl-
	1-Morpholino-2-propanol
	«alpha»-Methyl-4-morpholineethanol
	Alpha-methyl-4-morpholineethanol
Inchi:	InChI=1S/C7H15NO2/c1-7(9)6-8-2-4-10-5-3-8/h7,9H,2-6H2,1H3
InchiKey:	YAXQOLYGKLGQKA-UHFFFAOYSA-N
Formula:	C7H15NO2
SMILES:	CC(O)CN1CCOCC1
Mol. weight [g/mol]:	145.20
CAS:	2109-66-2

Physical Properties

Property code	Value	Unit	Source
log10ws	0.32		Crippen Method
logp	-0.301		Crippen Method
mcvol	120.350	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=C2109662&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

mcvol: McGowan's characteristic volume