

Morpholine, 4-(oxiranylmethyl)-

Other names:	4-(2,3-epoxypropyl)morpholine
Inchi:	InChI=1S/C7H13NO2/c1-3-9-4-2-8(1)5-7-6-10-7/h7H,1-6H2
InchiKey:	KKWQCCPQBCHJBZ-UHFFFAOYSA-N
Formula:	C7H13NO2
SMILES:	C1CN(CC2CO2)CCO1
Mol. weight [g/mol]:	143.18
CAS:	6270-19-5

Physical Properties

Property code	Value	Unit	Source
log10ws	0.60		Crippen Method
logp	-0.283		Crippen Method
mcvol	109.490	ml/mol	McGowan Method

Sources

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C6270195&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume

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