

Methacrylic acid, 2-hydroxyethyl ester

Inchi:	InChI=1S/C6H10O3/c1-5(2)6(8)9-4-3-7/h7H,1,3-4H2,2H3
InchiKey:	WOBHKFSMXKNTIM-UHFFFAOYSA-N
Formula:	C6H10O3
SMILES:	C=C(C)C(=O)OCC[O]
Mol. weight [g/mol]:	130.14
CAS:	12676-48-1

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.94		Crippen Method
logp	0.536		Crippen Method
mcvol	102.260	ml/mol	McGowan Method

Sources

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
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C12676481&Units=SI

Legend

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

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