

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

McGowan Method: <http://link.springer.com/article/10.1007/BF02311772>
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C12676481&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307I>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/66-552-6/Methacrylic-acid-2-hydroxyethyl-ester.pdf>

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