

HCOOCH radical anion

Inchi: InChI=1S/C2H2O2/c1-4-2-3/h1-2H/q-1
InchiKey: PWEJTTHPKUUROD-UHFFFAOYSA-N
Formula: C2H2O2-
SMILES: [CH-]OC=O
Mol. weight [g/mol]: 58.04
CAS: 19513-45-2

Physical Properties

Property code	Value	Unit	Source
log10ws	0.42		Crippen Method
logp	-0.172		Crippen Method
mcvol	42.180	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=C19513452&Units=SI>

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/50-337-2/HCOOCH-radical-anion.pdf>

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