

CHCH3

Inchi: InChI=1S/C2H4/c1-2/h1H,2H3
InchiKey: UUFQTNFCRMXOAE-UHFFFAOYSA-N
Formula: C2H4
SMILES: [CH]C
Mol. weight [g/mol]: 28.05
CAS: 4218-50-2

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.22		Crippen Method
logp	0.717		Crippen Method
mcvol	34.740	ml/mol	McGowan Method

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C4218502&Units=SI>
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>

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/29-890-2/CHCH3.pdf>

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