

Methylidyne, cyano-

Inchi: InChI=1S/C2N/c1-2-3
InchiKey: NHZXVPVTAJVRIV-UHFFFAOYSA-N
Formula: C2N
SMILES: [C]C#N
Mol. weight [g/mol]: 38.03
CAS: 4120-02-9

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.03		Crippen Method
logp	0.098		Crippen Method
mcvol	33.970	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=C4120029&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/71-236-1/Methylidyne-cyano.pdf>

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