

Piperidine, 1-(2-methyl-1-propenyl)-

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| Other names: | Piperidine, 1-(2-methylpropenyl)- 1-(2-Methyl-1-propenyl)piperidine 1-Piperidinoisobutene n-Isobuten-1-ylpiperidine 1-Piperidino-1-isobutene |
| Inchi: | InChI=1S/C9H17N/c1-9(2)8-10-6-4-3-5-7-10/h8H,3-7H2,1-2H3 |
| InchiKey: | ZQZUJFQBFGFJMM-UHFFFAOYSA-N |
| Formula: | C9H17N |
| SMILES: | CC(C)=CN1CCCCC1 |
| Mol. weight [g/mol]: | 139.24 |
| CAS: | 673-33-6 |

Physical Properties

| Property code | Value | Unit | Source |
|---------------|-------------|--------|----------------|
| affp | 978.20 | kJ/mol | NIST Webbook |
| basg | 949.40 | kJ/mol | NIST Webbook |
| ie | 8.00 | eV | NIST Webbook |
| ie | 7.93 ± 0.03 | eV | NIST Webbook |
| log10ws | -2.40 | | Crippen Method |
| logp | 2.396 | | Crippen Method |
| mvol | 132.490 | 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=C673336&Units=SI |

Legend

| | |
|-----------------|-------------------------------------|
| affp: | Proton affinity |
| basg: | Gas basicity |
| ie: | Ionization energy |
| log10ws: | Log10 of Water solubility in mol/l |
| logp: | Octanol/Water partition coefficient |
| mcvol: | McGowan's characteristic volume |

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