# 5-Isopropyl-3-methyl-2-(methylthio)pyrazine

**Other names:** Pyrazine, 3-methyl-5-(1-methylethyl)-2-(methylthio)
**Inchi:** InChI=1S/C9H14N2S/c1-6(2)8-5-10-9(12-4)7(3)11-8/h5-6H,1-4H3
**InchiKey:** KDTCGKNUJMPSDM-UHFFFAOYSA-N
**Formula:** C9H14N2S
**SMILES:** CSc1ncc(C(C)C)nc1C
**Mol. weight [g/mol]:** 182.29

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -3.41 | | Crippen Method |
| logp | 2.630 | | Crippen Method |
| mcvol | 150.220 | ml/mol | McGowan Method |
| rinpol | 1362.00 | | NIST Webbook |
| ripol | 1737.00 | | NIST Webbook |

## Sources

**McGowan Method:** http://link.springer.com/article/10.1007/BF02311772
**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?ID=R38644&Units=SI
**Crippen Method:** http://pubs.acs.org/doi/abs/10.1021/ci990307l
**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
**rinpol:** Non-polar retention indices
**ripol:** Polar retention indices

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