# 3-Isobutyl-2-methoxy-6-methylpyrazine

**Inchi:** InChI=1S/C10H16N2O/c1-7(2)5-9-10(13-4)12-8(3)6-11-9/h6-7H,5H2,1-4H3
**InchiKey:** LWQIXPCLHBYZGC-UHFFFAOYSA-N
**Formula:** C10H16N2O
**SMILES:** COc1nc(C)cnc1CC(C)C
**Mol. weight [g/mol]:** 180.25

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -3.00 | | Crippen Method |
| logp | 1.992 | | Crippen Method |
| mcvol | 153.830 | ml/mol | McGowan Method |
| rinpol | 1239.00 | | NIST Webbook |
| rinpol | 1239.00 | | NIST Webbook |

## 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=R388980&Units=SI

## Legend

**log10ws:** Log10 of Water solubility in mol/l
**logp:** Octanol/Water partition coefficient
**mcvol:** McGowan's characteristic volume
**rinpol:** Non-polar retention indices

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