# 2-Pyrazoline, 1-isobutyl-3-methyl-

**Other names:** 3-Methyl-1-isobutyl-«DELTA»[2]-pyrazoline
1-Isobutyl-3-methyl-4,5-dihydro-1H-pyrazole
2-Pyrazoline, 3-methyl-1-(2-methylpropyl)
**Inchi:** InChI=1S/C8H16N2/c1-7(2)6-10-5-4-8(3)9-10/h7H,4-6H2,1-3H3
**InchiKey:** ZEWMFEJLDHQAFQ-UHFFFAOYSA-N
**Formula:** C8H16N2
**SMILES:** CC1=NN(CC(C)C)CC1
**Mol. weight [g/mol]:** 140.23
**CAS:** 26964-53-4

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -1.55 | | Crippen Method |
| logp | 1.724 | | Crippen Method |
| mcvol | 128.380 | ml/mol | McGowan Method |
| rinpol | 1087.00 | | NIST Webbook |
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## Sources

**McGowan Method:** http://link.springer.com/article/10.1007/BF02311772
**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?ID=C26964534&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