

# Pyridine, 3-(2-methylpropyl)-

**Other names:** «beta»-Isobutylpyridine  
3-Isobutylpyridine

**Inchi:** InChI=1S/C9H13N/c1-8(2)6-9-4-3-5-10-7-9/h3-5,7-8H,6H2,1-2H3

**InchiKey:** DEGXTCKEZCCZOP-UHFFFAOYSA-N

**Formula:** C9H13N

**SMILES:** CC(C)Cc1cccnc1

**Mol. weight [g/mol]:** 135.21

**CAS:** 14159-61-6

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.64		Crippen Method
logp	2.280		Crippen Method
mcvol	123.890	ml/mol	McGowan Method
rinpol	1075.00		NIST Webbook
rinpol	1077.00		NIST Webbook
rinpol	1075.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](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=C14159616&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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