

# 5-(Hydroxymethyl)-4-(methoxymethyl)-2-methylpyridin-3-ol

**Inchi:** InChI=1S/C9H13NO3/c1-6-9(12)8(5-13-2)7(4-11)3-10-6/h3,11-12H,4-5H2,1-2H3  
**InchiKey:** SVINQHQHARVZFF-UHFFFAOYSA-N  
**Formula:** C9H13NO3  
**SMILES:** COCc1c(CO)cnc(C)c1O  
**Mol. weight [g/mol]:** 183.20  
**CAS:** 1464-33-1

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.79		Crippen Method
logp	0.734		Crippen Method
mcvol	141.500	ml/mol	McGowan Method
rinpola	1659.90		NIST Webbook
rinpola	1659.90		NIST Webbook

## Sources

**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=C1464331&Units=SI>  
**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)

## Legend

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

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