

# Pyrazine, 2-methyl-6-(methylthio)-

**Other names:** 2-Methylthio-6-methylpyrazine  
**Inchi:** InChI=1S/C6H8N2S/c1-5-3-7-4-6(8-5)9-2/h3-4H,1-2H3  
**InchiKey:** UWZQTYQYHJLIRS-UHFFFAOYSA-N  
**Formula:** C6H8N2S  
**SMILES:** CSc1cncc(C)n1  
**Mol. weight [g/mol]:** 140.21  
**CAS:** 2884-13-1

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.22		Crippen Method
logp	1.507		Crippen Method
mcvol	107.950	ml/mol	McGowan Method
rinpol	1166.00		NIST Webbook
ripol	1676.00		NIST Webbook
ripol	1676.00		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=C2884131&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  
**ripol:** Polar retention indices

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