

# Pyrazine, 2-butyl-3-(ethylthio)

**Inchi:** InChI=1S/C10H16N2S/c1-3-5-6-9-10(13-4-2)12-8-7-11-9/h7-8H,3-6H2,1-2H3  
**InchiKey:** VMWYEIJLACFMMH-UHFFFAOYSA-N  
**Formula:** C10H16N2S  
**SMILES:** CCCCc1nccnc1SCC  
**Mol. weight [g/mol]:** 196.31

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.81		Crippen Method
logp	2.931		Crippen Method
mcvol	164.310	ml/mol	McGowan Method
rinpol	1477.00		NIST Webbook
rinpol	1477.00		NIST Webbook
ripol	1894.00		NIST Webbook
ripol	1894.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R43382&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**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>

## 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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