

# 2-(trans-1-Propenyl)pyrazine

**Other names:** (1-propenyl)pyrazine (E)  
**Inchi:** InChI=1S/C7H8N2/c1-2-3-7-6-8-4-5-9-7/h2-6H,1H3/b3-2+  
**InchiKey:** ZBHYPERRXYKXGT-NSCUHMNNSA-N  
**Formula:** C7H8N2  
**SMILES:** CC=Cc1cncn1  
**Mol. weight [g/mol]:** 120.15  
**CAS:** 18217-80-6

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.24		Crippen Method
logp	1.510		Crippen Method
mcvol	101.390	ml/mol	McGowan Method
rinpola	1073.00		NIST Webbook

## Sources

**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=C18217806&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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