

# Thiophene, 2-ethenyl-5-propyl

**Other names:** 2-Propyl-5-vinylthiophene  
**Inchi:** InChI=1S/C9H12S/c1-3-5-9-7-6-8(4-2)10-9/h4,6-7H,2-3,5H2,1H3  
**InchiKey:** AKEFINDEOKEFFV-UHFFFAOYSA-N  
**Formula:** C9H12S  
**SMILES:** C=Cc1ccc(CCC)s1  
**Mol. weight [g/mol]:** 152.26

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.27		Crippen Method
logp	3.344		Crippen Method
mcvol	130.260	ml/mol	McGowan Method
rinpol	1154.00		NIST Webbook
rinpol	1154.00		NIST Webbook
rinpol	1154.00		NIST Webbook

## Sources

**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>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R41794&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

Latest version available from:

<https://www.cheméo.com/cid/67-193-4/Thiophene-2-ethenyl-5-propyl.pdf>

Generated by Cheméo on 2024-04-26 09:40:33.856633083 +0000 UTC m=+16413682.777210395.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.