

# Thiophene, 2-hyxy-5-methyl

**Other names:** 2-Hexyl-5-methylthiophene  
**Inchi:** InChI=1S/C11H18S/c1-3-4-5-6-7-11-9-8-10(2)12-11/h8-9H,3-7H2,1-2H3  
**InchiKey:** HCHXGVKXKHBJMh-UHFFFAOYSA-N  
**Formula:** C<sub>11</sub>H<sub>18</sub>S  
**SMILES:** CCCCCc1ccc(C)s1  
**Mol. weight [g/mol]:** 182.33

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.18		Crippen Method
logp	4.179		Crippen Method
mcvol	162.740	ml/mol	McGowan Method
rinpola	1337.00		NIST Webbook
rinpola	1337.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R41833&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)  
**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  
**rinpola:** Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/77-129-4/Thiophene-2-hyxy-5-methyl.pdf>

Generated by Cheméo on 2024-04-23 15:22:48.869149658 +0000 UTC m=+16175017.789726979.  
Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.