

# (2E,4E)-1-(Pyrrolidin-1-yl)deca-2,4-dien-1-one

**Inchi:** InChI=1S/C14H23NO/c1-2-3-4-5-6-7-8-11-14(16)15-12-9-10-13-15/h6-8,11H,2-5,9-10,12  
**InchiKey:** BFZBGMTMIBOQWBA-HRCSPUOPSA-N  
**Formula:** C14H23NO  
**SMILES:** CCCCCC=CC=CC(=O)N1CCCC1  
**Mol. weight [g/mol]:** 221.34  
**CAS:** 78910-33-5

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.63		Crippen Method
logp	3.301		Crippen Method
mcvol	200.210	ml/mol	McGowan Method
rinpol	2124.00		NIST Webbook
rinpol	2124.00		NIST Webbook

## Sources

**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=C78910335&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**mcvol:** McGowan's characteristic volume  
**rinpol:** Non-polar retention indices

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