# (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:** BFZBGTMIBOQWBA-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
**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/ci990307l

## Legend

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