

# Norpluvine

**Other names:** (1R,3a1S,11bS)-10-Methoxy-2,3a1,4,5,7,11b-hexahydro-1H-pyrrolo[3,2,1-de]phenanthric  
**Inchi:** InChI=1S/C16H19NO3/c1-20-14-7-11-10(6-13(14)19)8-17-5-4-9-2-3-12(18)15(11)16(9)1  
**InchiKey:** KYCRETLRESMMIM-UHFFFAOYSA-N  
**Formula:** C16H19NO3  
**SMILES:** COc1cc2c(cc1O)CN1CCC3=CCC(O)C2C31  
**Mol. weight [g/mol]:** 273.33  
**CAS:** 517-99-7

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.89		Crippen Method
logp	1.763		Crippen Method
mcvol	203.250	ml/mol	McGowan Method
rmpol	2556.00		NIST Webbook
rmpol	2556.00		NIST Webbook

## Sources

**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>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=C517997&Units=SI>

## Legend

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

Latest version available from:

<https://www.cheméo.com/cid/121-941-2/Norpluvine.pdf>

Generated by Cheméo on 2024-05-19 23:06:50.925802361 +0000 UTC m=+18449259.846379684.

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