

# (+)-Roemerine

**Other names:** (R)-7-Methyl-6,7,7a,8-tetrahydro-5H-[1,3]dioxolo[4',5':4,5]benzo[1,2,3-de]benzo[g]quinolin  
**Inchi:** InChI=1S/C18H17NO2/c1-19-7-6-12-9-15-18(21-10-20-15)17-13-5-3-2-4-11(13)8-14(19)  
**InchiKey:** JCTYWRARKVGOBK-CQSZACIVSA-N  
**Formula:** C18H17NO2  
**SMILES:** CN1CCc2cc3c(c4c2C1Cc1cccc1-4)OCO3  
**Mol. weight [g/mol]:** 279.33  
**CAS:** 548-08-3

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.09		Crippen Method
logp	3.167		Crippen Method
mcvol	206.100	ml/mol	McGowan Method
rinsol	2575.20		NIST Webbook
rinsol	2575.20		NIST Webbook

## Sources

**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=C548083&Units=SI>  
**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)

## Legend

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

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