

# 3,5,8a-trimethyl-4,4a,8a,9-tetrahydronaphtho[2,3-b

**Inchi:** InChI=1S/C15H18O/c1-10-5-4-6-15(3)8-14-12(7-13(10)15)11(2)9-16-14/h4-6,9,13H,7-8H  
**InchiKey:** AUSAHAHDEVYCOC-UHFFFAOYSA-N  
**Formula:** C15H18O  
**SMILES:** CC1=CC=CC2(C)Cc3occ(C)c3CC12  
**Mol. weight [g/mol]:** 214.30  
**CAS:** 115526-32-4

## Physical Properties

Property code	Value	Unit	Source
log10ws	-8.81		Crippen Method
logp	3.825		Crippen Method
mcvol	178.300	ml/mol	McGowan Method
rinpol	1645.70		NIST Webbook
rinpol	1590.00		NIST Webbook
rinpol	1613.00		NIST Webbook
rinpol	1649.00		NIST Webbook
rinpol	1645.70		NIST Webbook
ripol	2162.00		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=C115526324&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

**ripol:** Polar retention indices

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