

# 7-Hydroxysparteine

**Inchi:** InChI=1S/C15H26N2O/c18-15-9-12(10-16-7-4-2-6-14(15)16)13-5-1-3-8-17(13)11-15/h12  
**InchiKey:** DUUGVIKWQIWALC-BYNSBNAKSA-N  
**Formula:** C15H26N2O  
**SMILES:** OC12CC(CN3CCCCC31)C1CCCCN1C2  
**Mol. weight [g/mol]:** 250.38

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.18		Crippen Method
logp	1.460		Crippen Method
mcvol	204.600	ml/mol	McGowan Method
rinpola	1920.00		NIST Webbook
rinpola	1918.00		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=R264092&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  
**rinpola:** Non-polar retention indices

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