

# N-Acetylnornarcotine

**Inchi:** InChI=1S/C23H23NO8/c1-11(25)24-8-7-12-9-15-21(31-10-30-15)22(29-4)16(12)18(24)19  
**InchiKey:** LYEPMWSIYQDYTG-RTBURBONSA-N  
**Formula:** C23H23NO8  
**SMILES:** COc1ccc2c(c1OC)C(=O)OC2C1c2c(cc3c(c2OC)OCO3)CCN1C(C)=O  
**Mol. weight [g/mol]:** 441.43

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.98		Crippen Method
logp	2.798		Crippen Method
mcvol	303.170	ml/mol	McGowan Method
rinpola	3601.00		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=R330842&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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