

# Usaramine

**Inchi:** InChI=1S/C18H25NO6/c1-3-12-8-11(2)18(23,10-20)17(22)24-9-13-4-6-19-7-5-14(15(13))  
**InchiKey:** BCJMNZRQJAVDLD-FXGRWVCYSA-N  
**Formula:** C18H25NO6  
**SMILES:** CC=C1CC(C)C(O)(CO)C(=O)OCC2=CCN3CCC(OC1=O)C23  
**Mol. weight [g/mol]:** 351.39  
**CAS:** 15503-87-4

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.66		Crippen Method
logp	0.165		Crippen Method
mcvol	259.900	ml/mol	McGowan Method
rinpol	2640.00		NIST Webbook
rinpol	2640.00		NIST Webbook
rinpol	2640.00		NIST Webbook
rinpol	2607.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=C15503874&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)  
**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>

## Legend

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

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