

# 8-(2,3-Dihydroxy-3-methylbutyl)-7-methoxy-2H-ch

**Inchi:** InChI=1S/C15H18O5/c1-15(2,18)12(16)8-10-11(19-3)6-4-9-5-7-13(17)20-14(9)10/h4-7,1  
**InchiKey:** KGGUASRIGLRPAX-UHFFFAOYSA-N  
**Formula:** C15H18O5  
**SMILES:** COc1ccc2ccc(=O)oc2c1CC(O)C(C)(C)O  
**Mol. weight [g/mol]:** 278.30  
**CAS:** 5673-37-0

## Physical Properties

Property code	Value	Unit	Source
log10ws	-7.36		Crippen Method
logp	1.476		Crippen Method
mcvol	208.340	ml/mol	McGowan Method
rinpol	2445.90		NIST Webbook
rinpol	2432.00		NIST Webbook

## Sources

**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=C5673370&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>  
**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  
**rinpol:** Non-polar retention indices

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