

# Isocorydine

**Inchi:** InChI=1S/C20H23NO4/c1-21-8-7-12-10-15(24-3)20(25-4)18-16(12)13(21)9-11-5-6-14(23)  
**InchiKey:** QELDJEKNFOQJOY-UHFFFAOYSA-N  
**Formula:** C20H23NO4  
**SMILES:** COc1ccc2c(c1O)-c1c(OC)c(OC)cc3c1C(C2)N(C)CC3  
**Mol. weight [g/mol]:** 341.40  
**CAS:** 475-67-2

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.79		Crippen Method
logp	3.170		Crippen Method
mcvol	256.880	ml/mol	McGowan Method
rinpola	2913.60		NIST Webbook
rinpola	2913.60		NIST Webbook

## Sources

**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)  
**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=C475672&Units=SI>

## 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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