

# Malonic dilactone, alpha-[2-(morpholino)ethyl]-cis-1(me),3(h),4(h)-cis

**Inchi:** InChI=1S/C19H29NO5/c1-17(2)13-4-5-18(3)12-14(13)19(15(21)24-17,16(22)25-18)6-7-2  
**InchiKey:** UCHMLVSTKDXUIB-UHFFFAOYSA-N  
**Formula:** C19H29NO5  
**SMILES:** CC12CCC3C(C1)C(CCN1CCOCC1)(C(=O)O2)C(=O)OC3(C)C  
**Mol. weight [g/mol]:** 351.44  
**CAS:** 133227-53-9

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.24		Crippen Method
logp	1.762		Crippen Method
mcvol	265.860	ml/mol	McGowan Method

## Sources

**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>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=C133227539&Units=SI>

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**mcvol:** McGowan's characteristic volume

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