

# 2,6-Pyridinedicarboxylic acid, decyl ethyl ester

**Inchi:** InChI=1S/C19H29NO4/c1-3-5-6-7-8-9-10-11-15-24-19(22)17-14-12-13-16(20-17)18(21)2  
**InchiKey:** ROBJPSOTGZMOLH-UHFFFAOYSA-N  
**Formula:** C19H29NO4  
**SMILES:** CCCCCCCCCOC(=O)c1cccc(C(=O)OCC)n1  
**Mol. weight [g/mol]:** 335.44

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.91		Crippen Method
logp	4.556		Crippen Method
mcvol	279.670	ml/mol	McGowan Method
rinpole	2480.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368806&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  
**rinpole:** Non-polar retention indices

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