

# d-Proline, N-ethoxycarbonyl-, decyl ester

**Inchi:** InChI=1S/C18H33NO4/c1-3-5-6-7-8-9-10-11-15-23-17(20)16-13-12-14-19(16)18(21)22-4  
**InchiKey:** STSRVXSICCVSIR-UHFFFAOYSA-N  
**Formula:** C18H33NO4  
**SMILES:** CCCCCCCCCOC(=O)C1CCCN1C(=O)OCC  
**Mol. weight [g/mol]:** 327.46

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.64		Crippen Method
logp	4.291		Crippen Method
mcvol	278.480	ml/mol	McGowan Method
rinpola	2179.00		NIST Webbook
rinpola	2179.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.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=U320840&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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