

# d-Proline, N-allyloxycarbonyl-, octadecyl ester

**Inchi:** InChI=1S/C27H49NO4/c1-3-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-24-31-26(29)25-2  
**InchiKey:** UJAZGKQSPSFGNX-UHFFFAOYSA-N  
**Formula:** C27H49NO4  
**SMILES:** C=CCOC(=O)N1CCCC1C(=O)OCCCCCCCCCCCCCCCCCC  
**Mol. weight [g/mol]:** 451.68

## Physical Properties

Property code	Value	Unit	Source
log10ws	-8.26		Crippen Method
logp	7.578		Crippen Method
mcvol	400.990	ml/mol	McGowan Method

## 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=U320977&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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