

# Isonipecotic acid, N-methacryloyl-, pentadecyl ester

**Inchi:** InChI=1S/C25H45NO3/c1-4-5-6-7-8-9-10-11-12-13-14-15-16-21-29-25(28)23-17-19-26(2)  
**InchiKey:** FXNOEIQAHQEDHU-UHFFFAOYSA-N  
**Formula:** C25H45NO3  
**SMILES:** C=C(C)C(=O)N1CCC(C(=O)OCCCCCCCCCCCCCCC)CC1  
**Mol. weight [g/mol]:** 407.63

## Physical Properties

Property code	Value	Unit	Source
log10ws	-7.00		Crippen Method
logp	6.436		Crippen Method
mcvol	366.940	ml/mol	McGowan Method
rinpol	3138.00		NIST Webbook

## 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=U360966&Units=SI>

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**mcvol:** McGowan's characteristic volume  
**rinpol:** Non-polar retention indices

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