

# Isonipecotic acid, N-(3-methoxybenzoyl)-, propyl ester

**Inchi:** InChI=1S/C17H23NO4/c1-3-11-22-17(20)13-7-9-18(10-8-13)16(19)14-5-4-6-15(12-14)21  
**InchiKey:** NWIWGUVTSXQKRZ-UHFFFAOYSA-N  
**Formula:** C17H23NO4  
**SMILES:** CCCOC(=O)C1CCN(C(=O)c2cccc(OC)c2)CC1  
**Mol. weight [g/mol]:** 305.37

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.18		Crippen Method
logp	2.501		Crippen Method
mcvol	240.630	ml/mol	McGowan Method
rinpola	2588.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U361173&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>  
**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>

## 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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