

# Nicotinamide, N,N-dinonyl-

**Inchi:** InChI=1S/C24H42N2O/c1-3-5-7-9-11-13-15-20-26(21-16-14-12-10-8-6-4-2)24(27)23-18-  
**InchiKey:** OCDDHXJBFMXAEY-UHFFFAOYSA-N  
**Formula:** C24H42N2O  
**SMILES:** CCCCCCCCCN(CCCCCCCC)C(=O)c1cccnc1  
**Mol. weight [g/mol]:** 374.60

## Physical Properties

Property code	Value	Unit	Source
log10ws	-8.08		Crippen Method
logp	7.025		Crippen Method
mcvol	346.790	ml/mol	McGowan Method
rinpola	2851.00		NIST Webbook
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## Sources

**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=U308474&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

## 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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