

# 2,6-Pyridinedicarboxylic acid, decyl 2-methylhex-3-yl ester

**Inchi:** InChI=1S/C24H39NO4/c1-5-7-8-9-10-11-12-13-18-28-23(26)20-16-14-17-21(25-20)24(27)22-15-6-3-4-2  
**InchiKey:** MAKUQUWEENGHPU-UHFFFAOYSA-N  
**Formula:** C24H39NO4  
**SMILES:** CCCCCCCCCCOC(=O)c1cccc(C(=O)OC(CCC)C(C)C)n1  
**Mol. weight [g/mol]:** 405.57

## Physical Properties

| Property code | Value   | Unit   | Source         |
|---------------|---------|--------|----------------|
| log10ws       | -7.87   |        | Crippen Method |
| logp          | 6.361   |        | Crippen Method |
| mcvol         | 350.120 | ml/mol | McGowan Method |
| rinpol        | 2755.00 |        | NIST Webbook   |
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## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368808&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>  
**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>

## 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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