

# cis-10-Nonadecenoic acid, picolinyl ester

**Inchi:** InChI=1S/C25H41NO2/c1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-20-25(27)28-23-24-  
**InchiKey:** WGIHOYIZUQZKOE-KTKRTIGZSA-N  
**Formula:** C25H41NO2  
**SMILES:** CCCCCCCCCC=CCCCCCCCC(=O)OCc1ccncc1  
**Mol. weight [g/mol]:** 387.60

## Physical Properties

| Property code | Value   | Unit   | Source         |
|---------------|---------|--------|----------------|
| log10ws       | -8.79   |        | Crippen Method |
| logp          | 7.552   |        | Crippen Method |
| mcvol         | 352.470 | ml/mol | McGowan Method |
| rinpol        | 2952.10 |        | NIST Webbook   |
| rinpol        | 2952.10 |        | NIST Webbook   |

## Sources

**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U333647&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)

## 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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