

2,6-Pyridinedicarboxylic acid, 2-ethylhexyl octyl ester

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|-----------------------------|---|
| Inchi: | InChI=1S/C23H37NO4/c1-4-7-9-10-11-12-17-27-22(25)20-15-13-16-21(24-20)23(26)28- |
| InchiKey: | KLDVBDCBESYKIO-UHFFFAOYSA-N |
| Formula: | C23H37NO4 |
| SMILES: | CCCCCCCCOC(=O)c1cccc(C(=O)OCC(CC)CCCC)n1 |
| Mol. weight [g/mol]: | 391.54 |

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|--------|----------------|
| log10ws | -7.34 | | Crippen Method |
| logp | 5.972 | | Crippen Method |
| mcvol | 336.030 | ml/mol | McGowan Method |
| rinpola | 2752.00 | | NIST Webbook |

Sources

| | |
|------------------------|---|
| NIST Webbook: | http://webbook.nist.gov/cgi/cbook.cgi?ID=U368271&Units=SI |
| Crippen Method: | http://pubs.acs.org/doi/abs/10.1021/ci9903071 |
| Crippen Method: | 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 |
| rinpola: | Non-polar retention indices |

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