2,6-Pyridinedicarboxylic acid, dodecyl 3-methylbutyl ester

Inchi: InChI=1S/C24H39NO4/c1-4-5-6-7-8-9-10-11-12-13-18-28-23(26)21-15-14-16-22(25-21)2

InchiKey: HQXBPJMRWAHQBW-UHFFFAOYSA-N

Formula: C24H39NO4

SMILES: CCCCCCCCCCCCOC(=O)c1cccc(C(=O)OCCC(C)C)n1

Mol. weight [g/mol]: 405.57

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.76		Crippen Method
logp	6.362		Crippen Method
mcvol	350.120	ml/mol	McGowan Method
rinpol	2906.00		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Crippen Method: 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=U368324&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

mcvol: McGowan's characteristic volume

rinpol: Non-polar retention indices