2,6-Pyridinedicarboxylic acid, heptyl pentadecyl ester

Inchi: InChI=1S/C29H49NO4/c1-3-5-7-9-10-11-12-13-14-15-16-18-20-25-34-29(32)27-23-21-22

InchiKey: HSAWVFFKQGCGQP-UHFFFAOYSA-N

Formula: C29H49NO4

SMILES: CCCCCCCCCCCCCCCOC(=O)c1cccc(C(=O)OCCCCCCC)n1

Mol. weight [g/mol]: 475.70

Physical Properties

Property code	Value	Unit	Source
log10ws	-10.09		Crippen Method
logp	8.457		Crippen Method
mcvol	420.570	ml/mol	McGowan Method
rinpol	3273.00		NIST Webbook
rinpol	3273.00		NIST Webbook

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U369030&Units=SI

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

Crippen Method: https://www.chemeo.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

Cheméo (https://www.chemeo.com) is the biggest free database of chemical and physical data for the process industry.