

2,6-Pyridinedicarboxylic acid, dodecyl 2-pentyl ester

Inchi:	InChI=1S/C24H39NO4/c1-4-6-7-8-9-10-11-12-13-14-19-28-23(26)21-17-15-18-22(25-21)
InchiKey:	CINJKEWJAYAEMQ-UHFFFAOYSA-N
Formula:	C24H39NO4
SMILES:	CCCCCCCCCCCCOC(=O)c1cccc(C(=O)OC(C)CCC)n1
Mol. weight [g/mol]:	405.57

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.11		Crippen Method
logp	6.505		Crippen Method
mcvol	350.120	ml/mol	McGowan Method
rinpola	2850.00		NIST Webbook

Sources

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
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U368342&Units=SI

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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