

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

Inchi: InChI=1S/C22H35NO4/c1-4-5-6-7-8-9-10-11-16-26-21(24)19-13-12-14-20(23-19)22(25)2
InchiKey: MQUAVTUWAVFJON-UHFFFAOYSA-N
Formula: C22H35NO4
SMILES: CCCCCCCCCCOC(=O)c1cccc(C(=O)OCCC(C)C)n1
Mol. weight [g/mol]: 377.52

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.92		Crippen Method
logp	5.582		Crippen Method
mcvol	321.940	ml/mol	McGowan Method
rinpol	2707.00		NIST Webbook
rinpol	2707.00		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=U368322&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

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