

2,6-Pyridinedicarboxylic acid, isopropyl tridecyl ester

Inchi: InChI=1S/C23H37NO4/c1-4-5-6-7-8-9-10-11-12-13-14-18-27-22(25)20-16-15-17-21(24-26)3
InchiKey: BUKDTGBPAWUPGY-UHFFFAOYSA-N
Formula: C23H37NO4
SMILES: CCCCCCCCCCCCCOC(=O)c1cccc(C(=O)OC(C)C)n1
Mol. weight [g/mol]: 391.54

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.69		Crippen Method
logp	6.115		Crippen Method
mcvol	336.030	ml/mol	McGowan Method
rinpol	2791.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U369158&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.cheméo.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
rinpol: Non-polar retention indices

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