Isonipecotic acid, N-(3-cyclopentylpropionyl)-, tridecyl ester

Inchi: InChI=1S/C27H49NO3/c1-2-3-4-5-6-7-8-9-10-11-14-23-31-27(30)25-19-21-28(22-20-25)
InchiKey: QQUOTIOEANKACW-UHFFFAOYSA-N
Formula: C27H49NO3
SMILES: CCCCCCCCCCCCCOC(=O)C1CCN(C(=O)CCC2CCCC2)CC1
Mol. weight [g/mol]: 435.68

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.64		Crippen Method
logp	7.050		Crippen Method
mcvol	388.560	ml/mol	McGowan Method
rinpol	3539.00		NIST Webbook
rinpol	3539.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U361093&Units=SI
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

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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