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

Inchi: InChI=1S/C26H47NO3/c1-2-3-4-5-6-7-8-9-10-13-22-30-26(29)24-18-20-27(21-19-24)25(
InchiKey: SGKKASDCIUANLK-UHFFFAOYSA-N
Formula: C26H47NO3
SMILES: CCCCCCCCCCCCOC(=O)C1CCN(C(=O)CCC2CCCC2)CC1
Mol. weight [g/mol]: 421.66

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.22		Crippen Method
logp	6.659		Crippen Method
mcvol	374.470	ml/mol	McGowan Method
rinpol	3412.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U361092&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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