

Isonipecotic acid, N-(cyclohexylcarbonyl)-, dodecyl ester

Inchi:	InChI=1S/C25H45NO3/c1-2-3-4-5-6-7-8-9-10-14-21-29-25(28)23-17-19-26(20-18-23)24(
InchiKey:	QTOOFYGNJOHSLE-UHFFFAOYSA-N
Formula:	C25H45NO3
SMILES:	CCCCCCCCCCCCOC(=O)C1CCN(C(=O)C2CCCCC2)CC1
Mol. weight [g/mol]:	407.63

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.80		Crippen Method
logp	6.269		Crippen Method
mcvol	360.380	ml/mol	McGowan Method
rinpol	3284.00		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=U361035&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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