

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

Inchi:	InChI=1S/C19H33NO3/c1-2-3-6-15-23-19(22)17-11-13-20(14-12-17)18(21)10-9-16-7-4-5
InchiKey:	BRYGAFNNSUFUPP-UHFFFAOYSA-N
Formula:	C19H33NO3
SMILES:	CCCCCOC(=O)C1CCN(C(=O)CCC2CCCC2)CC1
Mol. weight [g/mol]:	323.47

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.29		Crippen Method
logp	3.929		Crippen Method
mcvol	275.840	ml/mol	McGowan Method
rinpole	2668.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U361084&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
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
rinpole:	Non-polar retention indices

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