

# Isonipectic acid, N-(4-nitrobenzoyl)-, nonyl ester

<b>Inchi:</b>	InChI=1S/C22H32N2O5/c1-2-3-4-5-6-7-8-17-29-22(26)19-13-15-23(16-14-19)21(25)18-9
<b>InchiKey:</b>	CNSVINZJQAPIFC-UHFFFAOYSA-N
<b>Formula:</b>	C22H32N2O5
<b>SMILES:</b>	CCCCCCCCCOC(=O)C1CCN(C(=O)c2ccc([N+](=O)[O-])cc2)CC1
<b>Mol. weight [g/mol]:</b>	404.50

## Physical Properties

Property code	Value	Unit	Source
log10ws	-6.22		Crippen Method
logp	4.741		Crippen Method
mcvol	322.630	ml/mol	McGowan Method
rinpole	3469.00		NIST Webbook

## Sources

<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
<b>McGowan Method:</b>	<a href="http://link.springer.com/article/10.1007/BF02311772">http://link.springer.com/article/10.1007/BF02311772</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U361049&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U361049&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>

## Legend

<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>mcvol:</b>	McGowan's characteristic volume
<b>rinpole:</b>	Non-polar retention indices

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