

Isonipecotic acid, N-(4-nitrobenzoyl)-, hexyl ester

Inchi:	InChI=1S/C19H26N2O5/c1-2-3-4-5-14-26-19(23)16-10-12-20(13-11-16)18(22)15-6-8-17
InchiKey:	FHPSLQRNXXUGPE-UHFFFAOYSA-N
Formula:	C19H26N2O5
SMILES:	CCCCCOC(=O)C1CCN(C(=O)c2ccc([N+](=O)[O-])cc2)CC1
Mol. weight [g/mol]:	362.42

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.97		Crippen Method
logp	3.571		Crippen Method
mcvol	280.360	ml/mol	McGowan Method
rinsol	3143.00		NIST Webbook
rinsol	3143.00		NIST Webbook

Sources

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U361046&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws

Legend

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

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