

Isonipecotic acid, N-(3-methylbenzoyl)-, butyl ester

Inchi:	InChI=1S/C18H25NO3/c1-3-4-12-22-18(21)15-8-10-19(11-9-15)17(20)16-7-5-6-14(2)13-
InchiKey:	HIZAGOIXKJAHKQ-UHFFFAOYSA-N
Formula:	C18H25NO3
SMILES:	CCCCOC(=O)C1CCN(C(=O)c2cccc(C)c2)CC1
Mol. weight [g/mol]:	303.40

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.96		Crippen Method
logp	3.191		Crippen Method
mcvol	248.850	ml/mol	McGowan Method
rinpol	2552.00		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=U361098&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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