

Isonipectic acid, N-(4-ethylbenzoyl)-, nonyl ester

Inchi:	InChI=1S/C24H37NO3/c1-3-5-6-7-8-9-10-19-28-24(27)22-15-17-25(18-16-22)23(26)21-1
InchiKey:	PRXVDRKOAUHWKY-UHFFFAOYSA-N
Formula:	C24H37NO3
SMILES:	CCCCCCCCCOC(=O)C1CCN(C(=O)c2ccc(CC)cc2)CC1
Mol. weight [g/mol]:	387.56

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.38		Crippen Method
logp	5.395		Crippen Method
mcvol	333.390	ml/mol	McGowan Method
rinpol	3217.00		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=U361146&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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