

Isonipecotic acid, N-(3-fluorobenzoyl)-, tridecyl ester

Inchi: InChI=1S/C26H40FNO3/c1-2-3-4-5-6-7-8-9-10-11-12-20-31-26(30)22-16-18-28(19-17-22)
InchiKey: NVKWNFMMEAHNKH-UHFFFAOYSA-N
Formula: C₂₆H₄₀FNO₃
SMILES: CCCCCCCCCCCCCOC(=O)C1CCN(C(=O)c2cccc(F)c2)CC1
Mol. weight [g/mol]: 433.60

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.58		Crippen Method
logp	6.532		Crippen Method
mcvol	363.340	ml/mol	McGowan Method
rinpol	3368.00		NIST Webbook
rinpol	3368.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U361529&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
rinpol: Non-polar retention indices

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