

Isonicotinic acid, 5-pentadecyl ester

Inchi: InChI=1S/C21H35NO2/c1-3-5-7-8-9-10-11-12-14-20(13-6-4-2)24-21(23)19-15-17-22-18-
InchiKey: CIGBHKFXSGTTBX-UHFFFAOYSA-N
Formula: C₂₁H₃₅NO₂
SMILES: CCCCCCCCCC(CCCC)OC(=O)c1ccncc1
Mol. weight [g/mol]: 333.51

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.45		Crippen Method
logp	6.328		Crippen Method
mcvol	300.410	ml/mol	McGowan Method

Sources

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=U299904&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
mcvol: McGowan's characteristic volume

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<https://www.chemeo.com/cid/80-300-9/Isonicotinic-acid-5-pentadecyl-ester.pdf>

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