

Isonipecotic acid, N-(3-phenylpropionyl)-, ethyl ester

Inchi: InChI=1S/C17H23NO3/c1-2-21-17(20)15-10-12-18(13-11-15)16(19)9-8-14-6-4-3-5-7-14/
InchiKey: JJWKHNYMWFJG-UHFFFAOYSA-N
Formula: C17H23NO3
SMILES: CCOC(=O)C1CCN(C(=O)CCc2ccccc2)CC1
Mol. weight [g/mol]: 289.37

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.90		Crippen Method
logp	2.421		Crippen Method
mcvol	234.760	ml/mol	McGowan Method
rinpola	2466.00		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=U361554&Units=SI>

Legend

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

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