

Isonipecotic acid, N-benzoyl-, isobutyl ester

Inchi: InChI=1S/C17H23NO3/c1-13(2)12-21-17(20)15-8-10-18(11-9-15)16(19)14-6-4-3-5-7-14/
InchiKey: UFTKWJVQEJQBPV-UHFFFAOYSA-N
Formula: C17H23NO3
SMILES: CC(C)COC(=O)C1CCN(C(=O)c2ccccc2)CC1
Mol. weight [g/mol]: 289.37

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.24		Crippen Method
logp	2.738		Crippen Method
mcvol	234.760	ml/mol	McGowan Method
rinpol	2409.00		NIST Webbook
rinpol	2409.00		NIST Webbook

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=U360972&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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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