Pyridine, 3-(4-methylhexyl)

Inchi: InChI=1S/C12H19N/c1-3-11(2)6-4-7-12-8-5-9-13-10-12/h5,8-11H,3-4,6-7H2,1-2H3
InchiKey: PGALAANWFGPCEB-UHFFFAOYSA-N
Formula: C12H19N
SMILES: CCC(C)CCCc1cccnc1
Mol. weight [g/mol]: 177.29

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.89		Crippen Method
logp	3.450		Crippen Method
mcvol	166.160	ml/mol	McGowan Method
rinpol	1418.00		NIST Webbook
rinpol	1418.00		NIST Webbook
ripol	1888.00		NIST Webbook
ripol	1888.00		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
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=R70496&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
ripol: Polar retention indices