Pyridine, 3,5-diphenyl-

Other names: 3,5-diphenylpyridine
Inchi: InChI=1S/C17H13N/c1-3-7-14(8-4-1)16-11-17(13-18-12-16)15-9-5-2-6-10-15/h1-13H
InchiKey: VCJOMHSIIOWCPQ-UHFFFAOYSA-N
Formula: C17H13N
SMILES: c1ccc(-c2cncc(-c3ccccc3)c2)cc1
Mol. weight [g/mol]: 231.29
CAS: 92-07-9

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.44		Crippen Method
logp	4.416		Crippen Method
mcvol	189.090	ml/mol	McGowan Method
rinpol	372.84		NIST Webbook
rinpol	373.79		NIST Webbook
rinpol	372.84		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=C92079&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
rinpol: Non-polar retention indices