Formamidine, 3,3-hexamethyleno-1-phenyl

Inchi: InChI=1S/C13H18N2/c1-2-7-11-15(10-6-1)12-14-13-8-4-3-5-9-13/h3-5,8-9,12H,1-2,6-7,1
InchiKey: MJGSZSLEPRNGMS-WYMLVPIESA-N
Formula: C13H18N2
SMILES: C(=Nc1ccccc1)N1CCCCCC1
Mol. weight [g/mol]: 202.30

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.09		Crippen Method
logp	3.222		Crippen Method
mcvol	175.070	ml/mol	McGowan Method
rinpol	1898.00		NIST Webbook
rinpol	1898.00		NIST Webbook

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R118682&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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

Cheméo (https://www.chemeo.com) is the biggest free database of chemical and physical data for the process industry.