Methanimine, 1-(4-morpholino), N-(phenylmethyl)

Inchi: InChI=1S/C12H16N2O/c1-2-4-12(5-3-1)10-13-11-14-6-8-15-9-7-14/h1-5,11H,6-10H2/b13

InchiKey: QKCILALPAHAPDX-ACCUITESSA-N

Formula: C12H16N2O

SMILES: C(=NCc1ccccc1)N1CCOCC1

Mol. weight [g/mol]: 204.27

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.66		Crippen Method
logp	1.547		Crippen Method
mcvol	166.850	ml/mol	McGowan Method
rinpol	1792.00		NIST Webbook

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R119294&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