1-methyl-5-aminopyrazole

Inchi: InChI=1S/C4H7N3/c1-7-4(5)2-3-6-7/h2-3H,5H2,1H3
InchiKey: JESRNIJXVIFVOV-UHFFFAOYSA-N
Formula: C4H7N3
SMILES: Cn1nccc1N
Mol. weight [g/mol]: 97.12
CAS: 1192-21-8

Physical Properties

Property code	Value	Unit	Source
affp	949.50	kJ/mol	NIST Webbook
basg	917.60	kJ/mol	NIST Webbook
log10ws	-2.16		Crippen Method
logp	0.002		Crippen Method
mcvol	77.700	ml/mol	McGowan Method

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C1192218&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

affp: Proton affinity
basg: Gas basicity
log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
mcvol: McGowan's characteristic volume