

Piperazine, 1-(2-hydroxyethyl)

Other names: piperazineethanol
Inchi: InChI=1S/C6H14N2O/c9-6-5-8-3-1-7-2-4-8/h7,9H,1-6H2
InchiKey: WFCSWCVEJLETKA-UHFFFAOYSA-N
Formula: C6H14N2O
SMILES: OCCN1CCNCC1
Mol. weight [g/mol]: 130.19
CAS: 25154-38-5

Physical Properties

Property code	Value	Unit	Source
log10ws	0.75		Crippen Method
logp	-1.116		Crippen Method
mcvol	110.370	ml/mol	McGowan Method
ripol	1985.00		NIST Webbook
ripol	1948.00		NIST Webbook
ripol	1985.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C25154385&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method: <http://link.springer.com/article/10.1007/BF02311772>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
mcvol: McGowan's characteristic volume
ripol: Polar retention indices

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