5-methyl-5(H)-cyclopentapyrazine

Inchi: InChI=1S/C8H8N2/c1-6-2-3-7-8(6)10-5-4-9-7/h2-6H,1H3
InchiKey: WWUFRIQCZCLXPV-UHFFFAOYSA-N
Formula: C8H8N2
SMILES: CC1C=Cc2nccnc21
Mol. weight [g/mol]: 132.16
CAS: 65128-99-6

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.49		Crippen Method
logp	1.607		Crippen Method
mcvol	104.620	ml/mol	McGowan Method
rinpol	1145.00		NIST Webbook
rinpol	1145.00		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
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=C65128996&Units=SI

Legend

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