5,7-dimethyl-5,6,7,8-tetramethylquinoxaline

Inchi: InChI=1S/C10H14N2/c1-7-5-8(2)10-9(6-7)11-3-4-12-10/h3-4,7-8H,5-6H2,1-2H3
InchiKey: BMQTZWSYZNGWAA-UHFFFAOYSA-N
Formula: C10H14N2
SMILES: CC1Cc2nccnc2C(C)C1
Mol. weight [g/mol]: 162.23

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.06		Crippen Method
logp	2.162		Crippen Method
mcvol	137.100	ml/mol	McGowan Method
rinpol	1264.00		NIST Webbook

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R236656&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