

5-Methyl-2H-pyrazole-3-carboxylic acid, 1-methyl-2,2-tetramethylene hydrazide

Inchi: InChI=1S/C10H16N4O/c1-8-7-9(12-11-8)10(15)13(2)14-5-3-4-6-14/h7H,3-6H2,1-2H3,(H, N)
InchiKey: CSFLSTZGFBVTSR-UHFFFAOYSA-N
Formula: C10H16N4O
SMILES: Cc1cc(C(=O)N(C)N2CCCC2)n[nH]1
Mol. weight [g/mol]: 208.26

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.79		Crippen Method
logp	0.319		Crippen Method
mcvol	162.930	ml/mol	McGowan Method
rinpol	1842.00		NIST Webbook
rinpol	1842.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R154559&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
rinpol: Non-polar retention indices

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