

# 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,)  
**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

**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](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=R154559&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

## 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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