

# 1H-Pyrazole, 4,5-dihydro-1,3-diphenyl-

<b>Other names:</b>	2-Pyrazoline, 1,3-diphenyl- 1,3-Diphenyl-«delta»(sup2)-pyrazoline 1,3-Diphenyl-2-pyrazoline 1,3-Diphenyl-«delta»2-pyrazoline
<b>Inchi:</b>	InChI=1S/C15H14N2/c1-3-7-13(8-4-1)15-11-12-17(16-15)14-9-5-2-6-10-14/h1-10H,11-12H
<b>InchiKey:</b>	ZWCZPVMIHKLKVL-D-UHFFFAOYSA-N
<b>Formula:</b>	C15H14N2
<b>SMILES:</b>	<chem>c1ccc(C2=NN(c3ccccc3)CC2)cc1</chem>
<b>Mol. weight [g/mol]:</b>	222.29
<b>CAS:</b>	2538-52-5

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.56		Crippen Method
logp	3.301		Crippen Method
mcvol	179.490	ml/mol	McGowan Method

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C2538525&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C2538525&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307i">http://pubs.acs.org/doi/abs/10.1021/ci990307i</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
<b>McGowan Method:</b>	<a href="http://link.springer.com/article/10.1007/BF02311772">http://link.springer.com/article/10.1007/BF02311772</a>

## Legend

<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>mcvol:</b>	McGowan's characteristic volume

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