

# 4-Methylcarbazole

<b>Other names:</b>	Carbazole, 4-methyl
<b>Inchi:</b>	InChI=1S/C13H11N/c1-9-5-4-8-12-13(9)10-6-2-3-7-11(10)14-12/h2-8,14H,1H3
<b>InchiKey:</b>	GNPUIRFDBYALRI-UHFFFAOYSA-N
<b>Formula:</b>	C13H11N
<b>SMILES:</b>	Cc1cccc2[nH]c3cccc3c12
<b>Mol. weight [g/mol]:</b>	181.23
<b>CAS:</b>	3770-48-7

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.78		Crippen Method
logp	3.148		Crippen Method
mcvol	145.630	ml/mol	McGowan Method
rmpol	331.88		NIST Webbook
rmpol	331.88		NIST Webbook

## Sources

<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307l">http://pubs.acs.org/doi/abs/10.1021/ci990307l</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>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C3770487&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C3770487&amp;Units=SI</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
<b>rmpol:</b>	Non-polar retention indices

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