

1,8-Dimethylcarbazole

Inchi:	InChI=1S/C14H13N/c1-9-5-3-7-11-12-8-4-6-10(2)14(12)15-13(9)11/h3-8,15H,1-2H3
InchiKey:	NAXSBBMMIDFGHQ-UHFFFAOYSA-N
Formula:	C14H13N
SMILES:	Cc1cccc2c1[nH]c1c(C)cccc12
Mol. weight [g/mol]:	195.26

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.25		Crippen Method
logp	3.456		Crippen Method
mcvol	159.720	ml/mol	McGowan Method
rinpole	1840.00		NIST Webbook
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Sources

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
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U328390&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
rinpole:	Non-polar retention indices

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<https://www.chemeo.com/cid/29-771-4/1-8-Dimethylcarbazole.pdf>

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