

1-Methylcarbazole

Other names:	9H-Carbazole, 1-methyl-Carbazole, 1-methyl
Inchi:	InChI=1S/C13H11N/c1-9-5-4-7-11-10-6-2-3-8-12(10)14-13(9)11/h2-8,14H,1H3
InchiKey:	HIAGSPVAYSSKHL-UHFFFAOYSA-N
Formula:	C13H11N
SMILES:	<chem>Cc1cccc2c1[nH]c1cccc12</chem>
Mol. weight [g/mol]:	181.23
CAS:	6510-65-2

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.78		Crippen Method
logp	3.148		Crippen Method
mcvol	145.630	ml/mol	McGowan Method
rinpol	324.45		NIST Webbook

Sources

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C6510652&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

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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