

# 7H-Dibenzo(a,g)carbazole, 12,13-dihydro-

<b>Other names:</b>	3,4-Dihydro-1,2,5,6-dibenzcarbazole
<b>Inchi:</b>	InChI=1S/C20H15N/c1-3-7-15-13(5-1)10-12-18-19(15)17-11-9-14-6-2-4-8-16(14)20(17)2
<b>InchiKey:</b>	VDHREAQAVYIPPC-UHFFFAOYSA-N
<b>Formula:</b>	C20H15N
<b>SMILES:</b>	c1ccc2c(c1)CCc1c-2[nH]c2ccc3ccccc3c12
<b>Mol. weight [g/mol]:</b>	269.34
<b>CAS:</b>	63077-00-9

## Physical Properties

Property code	Value	Unit	Source
log10ws	-7.57		Crippen Method
logp	4.605		Crippen Method
mcvol	209.640	ml/mol	McGowan Method

## Sources

<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=C63077009&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C63077009&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</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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