

# 9H-Carbazole, 9-butyl-

<b>Other names:</b>	N-Butyl-carbazole 9-butyl-9H-carbazole
<b>Inchi:</b>	InChI=1S/C16H17N/c1-2-3-12-17-15-10-6-4-8-13(15)14-9-5-7-11-16(14)17/h4-11H,2-3,1
<b>InchiKey:</b>	SQFONLULGFXJAA-UHFFFAOYSA-N
<b>Formula:</b>	C16H17N
<b>SMILES:</b>	CCCCn1c2ccccc2c2ccccc21
<b>Mol. weight [g/mol]:</b>	223.31
<b>CAS:</b>	1484-08-8

## Physical Properties

Property code	Value	Unit	Source
log10ws	-6.18		Crippen Method
logp	4.595		Crippen Method
mcvol	187.900	ml/mol	McGowan Method
ripol	2024.00		NIST Webbook
ripol	2834.00		NIST Webbook
ripol	2884.00		NIST Webbook
ripol	2834.00		NIST Webbook
tf	331.00 ± 4.00	K	NIST Webbook

## Sources

<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>
<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=C1484088&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C1484088&amp;Units=SI</a>

## Legend

<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient

**mcvol:** McGowan's characteristic volume  
**rinpol:** Non-polar retention indices  
**ripol:** Polar retention indices  
**tf:** Normal melting (fusion) point

Latest version available from:

<https://www.chemeo.com/cid/13-670-3/9H-Carbazole-9-butyl.pdf>

Generated by Cheméo on 2024-04-26 14:36:20.053981843 +0000 UTC m=+16431428.974559158.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.