7H-Benzo[c]carbazole

Other names:	3,4-Benzocarbazole
	7-Aza-7H-benzo[c]fluorene
Inchi:	InChI=1S/C16H11N/c1-2-6-12-11(5-1)9-10-15-16(12)13-7-3-4-8-14(13)17-15/h1-10,17H
InchiKey:	UGFOTZLGPPWNPY-UHFFFAOYSA-N
Formula:	C16H11N
SMILES:	c1ccc2c(c1)ccc1[nH]c3ccccc3c12
Mol. weight [g/mol]:	217.27
CAS:	205-25-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.10		Crippen Method
logp	3.992		Crippen Method
mcvol	168.440	ml/mol	McGowan Method

Sources

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C205254&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
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

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