

6H-Benzo[b]naphtho[2,3-h]carbazole

Other names:	Benzo[b]naphtho[2,3-h]carbazole
Inchi:	InChI=1S/C24H15N/c1-2-6-16-10-20-14-24-22(12-19(20)9-15(16)5-1)21-11-17-7-3-4-8-1
InchiKey:	STJHWSXBOXDIAD-UHFFFAOYSA-N
Formula:	C24H15N
SMILES:	c1ccc2cc3cc4c(cc3cc2c1)[nH]c1cc2ccccc2cc14
Mol. weight [g/mol]:	317.38
CAS:	905-95-3

Physical Properties

Property code	Value	Unit	Source
log10ws	-9.71		Crippen Method
logp	6.299		Crippen Method
mcvol	242.240	ml/mol	McGowan Method

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
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=C905953&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume

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