1,7-Dimethylcarbazole

Inchi: InChI=1S/C14H13N/c1-9-6-7-11-12-5-3-4-10(2)14(12)15-13(11)8-9/h3-8,15H,1-2H3
InchiKey: JDYXUXQFJAPJGX-UHFFFAOYSA-N
Formula: C14H13N
SMILES: Cc1ccc2c(c1)[nH]c1c(C)cccc12
Mol. weight [g/mol]: 195.26

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.25		Crippen Method
logp	3.456		Crippen Method
mcvol	159.720	ml/mol	McGowan Method
rinpol	1899.00		NIST Webbook

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R402516&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
rinpol: Non-polar retention indices