Benz[c]acridine, 7,9-dimethyl-

Other names: 7,9-Dimethylbenz[c]acridine
Inchi: InChI=1S/C19H15N/c1-12-7-10-18-17(11-12)13(2)15-9-8-14-5-3-4-6-16(14)19(15)20-18/
InchiKey: HEFJMRLDXHSXEP-UHFFFAOYSA-N
Formula: C19H15N
SMILES: Cc1ccc2nc3c(ccc4ccccc43)c(C)c2c1
Mol. weight [g/mol]: 257.33
CAS: 963-89-3

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.60		Crippen Method
logp	5.158		Crippen Method
mcvol	206.410	ml/mol	McGowan Method
rinpol	2769.00		NIST Webbook
rinpol	434.00		NIST Webbook
rinpol	438.32		NIST Webbook
rinpol	2769.00		NIST Webbook

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=C963893&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
mcvol: McGowan's characteristic volume
rinpol: Non-polar retention indices