2,3-Dihydro-1,3-dimethyl-2-methylene benzimidazole

Inchi: InChI=1S/C10H12N2/c1-8-11(2)9-6-4-5-7-10(9)12(8)3/h4-7H,1H2,2-3H3
InchiKey: GKIYSZCDLDAYKO-UHFFFAOYSA-N
Formula: C10H12N2
SMILES: C=C1N(C)c2ccccc2N1C
Mol. weight [g/mol]: 160.22
CAS: 31488-71-8

Physical Properties

Property code	Value	Unit	Source
ie	6.45	eV	NIST Webbook
log10ws	-2.03		Crippen Method
logp	2.044		Crippen Method
mcvol	132.800	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=C31488718&Units=SI

Legend

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

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