3,4-Dimethylenebicyclo[4.2.0]octa-1,5-diene

Inchi: InChI=1S/C10H10/c1-7-5-9-3-4-10(9)6-8(7)2/h5-6H,1-4H2
InchiKey: LKXPTEMJXNYSEZ-UHFFFAOYSA-N
Formula: C10H10
SMILES: C=c1cc2c(cc1=C)CC2
Mol. weight [g/mol]: 130.19
CAS: 136846-72-5

Physical Properties

Property code	Value	Unit	Source
hf	359.00	kJ/mol	NIST Webbook
log10ws	-1.59		Crippen Method
logp	0.606		Crippen Method
mcvol	112.840	ml/mol	McGowan Method

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C136846725&Units=SI
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

Legend

hf: Enthalpy of formation at standard conditions
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.