Dibenzo[a,e]cyclooctene,5,6,11,12-tetradehydro-

Inchi: InChI=1S/C16H8/c1-2-6-14-11-12-16-8-4-3-7-15(16)10-9-13(14)5-1/h1-8H
InchiKey: JFYLRMKUYCIWMX-UHFFFAOYSA-N
Formula: C16H8
SMILES: C1#Cc2ccccc2C#Cc2ccccc21
Mol. weight [g/mol]: 200.23
CAS: 53397-65-2

Physical Properties

Property code	Value	Unit	Source
ie	7.76	eV	NIST Webbook
log10ws	-4.55		Crippen Method
logp	2.800		Crippen Method
mcvol	160.720	ml/mol	McGowan Method

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C53397652&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

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.