Methylene, diphenyl-

Inchi: InChI=1S/C13H10/c1-3-7-12(8-4-1)11-13-9-5-2-6-10-13/h1-10H
InchiKey: XMGMFRIEKMMMSU-UHFFFAOYSA-N
Formula: C13H10
SMILES: [C](c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 166.22
CAS: 3129-17-7

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.23		Crippen Method
logp	3.164		Crippen Method
mcvol	142.210	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=C3129177&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