

# Methylene, diphenyl-

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

<b>McGowan Method:</b>	<a href="http://link.springer.com/article/10.1007/BF02311772">http://link.springer.com/article/10.1007/BF02311772</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C3129177&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C3129177&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>

## Legend

<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>mcvol:</b>	McGowan's characteristic volume

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<https://www.chemeo.com/cid/23-232-8/Methylene-diphenyl.pdf>

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