

# Cyclopent[b]indeno[5,6-g]phenanthrene

<b>Inchi:</b>	InChI=1S/C24H14/c1-4-18-13-20-12-11-17-10-9-16-8-7-15-3-2-6-21(15)23(16)24(17)22(18)
<b>InchiKey:</b>	RGOHIKGWRQOXMU-UHFFFAOYSA-N
<b>Formula:</b>	C24H14
<b>SMILES:</b>	<chem>C1=Cc2cc3c(ccc4ccc5ccc6c(c5c43)C=CC=6)cc2=C1</chem>
<b>Mol. weight [g/mol]:</b>	302.37
<b>CAS:</b>	72088-82-5

## Physical Properties

Property code	Value	Unit	Source
log10ws	-7.78		Crippen Method
logp	4.761		Crippen Method
mvol	232.260	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=C72088825&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C72088825&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>mvol:</b>	McGowan's characteristic volume

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