

# Butadiynyl

Other names:	C4H
Inchi:	InChI=1S/C4H/c1-3-4-2/h1H
InchiKey:	GRADOOOISCPIDG-UHFFFAOYSA-N
Formula:	C4H
SMILES:	[C]#CC#C
Mol. weight [g/mol]:	49.05
CAS:	53561-65-2

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.69		Crippen Method
logp	0.209		Crippen Method
mcvol	47.870	ml/mol	McGowan Method

## Sources

Crippen Method:	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
McGowan Method:	<a href="http://link.springer.com/article/10.1007/BF02311772">http://link.springer.com/article/10.1007/BF02311772</a>
NIST Webbook:	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C53561652&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C53561652&amp;Units=SI</a>
Crippen Method:	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</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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