

# (Z)-4-Methoxy-6-(4-methoxystyryl)-2H-pyran-2-one

<b>Inchi:</b>	InChI=1S/C15H14O4/c1-17-12-6-3-11(4-7-12)5-8-13-9-14(18-2)10-15(16)19-13/h3-10H,1
<b>InchiKey:</b>	XLHIYUYCSMZCCC-YVMONPNESA-N
<b>Formula:</b>	C15H14O4
<b>SMILES:</b>	COc1ccc(C=Cc2cc(OC)cc(=O)o2)cc1
<b>Mol. weight [g/mol]:</b>	258.27
<b>CAS:</b>	89272-44-6

## Physical Properties

Property code	Value	Unit	Source
log10ws	-7.47		Crippen Method
logp	2.827		Crippen Method
mcvol	193.870	ml/mol	McGowan Method
rinpola	2442.70		NIST Webbook

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C89272446&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C89272446&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307l">http://pubs.acs.org/doi/abs/10.1021/ci990307l</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
<b>McGowan Method:</b>	<a href="http://link.springer.com/article/10.1007/BF02311772">http://link.springer.com/article/10.1007/BF02311772</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
<b>rinpola:</b>	Non-polar retention indices

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