

# 3,5,6,7-Tetramethoxy-2-(4-methoxyphenyl)-4h-chr

<b>Inchi:</b>	InChI=1S/C20H20O7/c1-22-12-8-6-11(7-9-12)17-20(26-5)16(21)15-13(27-17)10-14(23-2
<b>InchiKey:</b>	OWNRDLYPIYHOQK-UHFFFAOYSA-N
<b>Formula:</b>	C20H20O7
<b>SMILES:</b>	COc1ccc(-c2oc3cc(OC)c(OC)c(OC)c3c(=O)c2OC)cc1
<b>Mol. weight [g/mol]:</b>	372.37
<b>CAS:</b>	4472-73-5

## Physical Properties

Property code	Value	Unit	Source
log10ws	-9.63		Crippen Method
logp	3.503		Crippen Method
mcvol	266.770	ml/mol	McGowan Method

## Sources

<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>
<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=C4472735&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C4472735&amp;Units=SI</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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