

# Colchicine

<b>Inchi:</b>	InChI=1S/C22H25NO6/c1-12(24)23-16-8-6-13-10-19(27-3)21(28-4)22(29-5)20(13)14-7-9
<b>InchiKey:</b>	IAKHMKGGTNLKSZ-UHFFFAOYSA-N
<b>Formula:</b>	C22H25NO6
<b>SMILES:</b>	<chem>COc1cc2c(c(OC)c1OC)-c1ccc(OC)c(=O)cc1C(NC(C)=O)CC2</chem>
<b>Mol. weight [g/mol]:</b>	399.44
<b>CAS:</b>	54192-66-4

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.32		Crippen Method
logp	2.872		Crippen Method
mvol	299.060	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=C54192664&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C54192664&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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