

# 4-Methyl-7-trimethylsilyloxychromen-2-one

<b>Other names:</b>	2H-1-benzopyran-2-one, 4-methyl-7-[(trimethylsilyl)oxy]- 4-Methyl-7-[(trimethylsilyl)oxy]-2H-chromen-2-one 4-Methyl-7-Trimethylsilyloxycoumarin
<b>Inchi:</b>	InChI=1S/C13H16O3Si/c1-9-7-13(14)15-12-8-10(5-6-11(9)12)16-17(2,3)4/h5-8H,1-4H3
<b>InchiKey:</b>	QHQOZLBDGGWMFA-UHFFFAOYSA-N
<b>Formula:</b>	C13H16O3Si
<b>SMILES:</b>	<chem>Cc1cc(=O)oc2cc(O[Si](C)(C)C)ccc12</chem>
<b>Mol. weight [g/mol]:</b>	248.35
<b>CAS:</b>	67909-31-3

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.92		Crippen Method
logp	3.315		Crippen Method
rinpol	2013.00		NIST Webbook

## 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.cheméo.com/doc/models/crippen_log10ws">https://www.cheméo.com/doc/models/crippen_log10ws</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C67909313&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C67909313&amp;Units=SI</a>

## Legend

<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>rinpol:</b>	Non-polar retention indices

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