

# Chalcone, 2',6',4-trihydroxy-4'-methoxy, tris-TMS

<b>Inchi:</b>	InChI=1S/C25H38O5Si3/c1-27-21-17-24(29-32(5,6)7)22(25(18-21)30-33(8,9)10)15-16-23
<b>InchiKey:</b>	BLYZUDZJZNYZLZ-FOCLMDBBSA-N
<b>Formula:</b>	C25H38O5Si3
<b>SMILES:</b>	COc1cc(O[Si](C)(C)C)c(C=CC(=O)c2ccc(O[Si](C)(C)C)cc2)c(O[Si](C)(C)C)c1
<b>Mol. weight [g/mol]:</b>	502.82

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.33		Crippen Method
logp	7.232		Crippen Method
rinpol	2827.00		NIST Webbook

## Sources

<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=R55707&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R55707&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>

## 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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