

# Dihydrochalcone, 2',4',6'-trihydroxy, TMS

<b>Other names:</b>	Dihydrochalcone, 2',4',6'-trihydroxy, tris-TMS
<b>Inchi:</b>	InChI=1S/C24H38O4Si3/c1-29(2,3)26-20-17-23(27-30(4,5)6)21(24(18-20)28-31(7,8)9)15
<b>InchiKey:</b>	ZYBAQBXR VHCGHQ-UHFFFAOYSA-N
<b>Formula:</b>	C24H38O4Si3
<b>SMILES:</b>	C[Si](C)(C)Oc1cc(O[Si](C)(C)C)c(CCC(=O)c2ccccc2)c(O[Si](C)(C)C)c1
<b>Mol. weight [g/mol]:</b>	474.81

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.19		Crippen Method
logp	7.143		Crippen Method
rinpol	2438.00		NIST Webbook
rinpol	2441.00		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.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=R46306&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R46306&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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