

# 3,5-Dimethoxy-4-(trimethylsilyloxy)cinnamaldehyde

<b>Other names:</b>	3,5-Dimethoxy-4-hydroxycinnamaldehyde, trimethylsilyl derivative Sinapaldehyde, TMS Sinapaldehyde, tms derivative
<b>Inchi:</b>	InChI=1S/C14H20O4Si/c1-16-12-9-11(7-6-8-15)10-13(17-2)14(12)18-19(3,4)5/h6-10H,1-
<b>InchiKey:</b>	UHUKSZZQFURWSD-VOTSOKGWSA-N
<b>Formula:</b>	C14H20O4Si
<b>SMILES:</b>	COc1cc(C=CC=O)cc(OC)c1O[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	280.39

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.24		Crippen Method
logp	3.130		Crippen Method

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U250039&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U250039&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

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