

# Cinnamyl (E)-p-coumarate, mono-TMS

**Inchi:** InChI=1S/C21H24O3Si/c1-25(2,3)24-20-14-11-19(12-15-20)13-16-21(22)23-17-7-10-18-  
**InchiKey:** XUHDHAHIDPZOOOL-NJKRNUQASA-N  
**Formula:** C21H24O3Si  
**SMILES:** C[Si](C)(C)Oc1ccc(C=CC(=O)OCC=Cc2ccccc2)cc1  
**Mol. weight [g/mol]:** 352.50

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.48		Crippen Method
logp	5.170		Crippen Method
rinpol	2794.00		NIST Webbook
rinpol	2794.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R315823&Units=SI>

## Legend

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

Latest version available from:

<https://www.chemeo.com/cid/57-028-8/Cinnamyl-E-p-coumarate-mono-TMS.pdf>

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