

Chalcone, 2',6'-dihydroxy-4'-methoxy, bis-TMS

Other names:	Chalcone, 2',6'-dihydroxy-4'-methoxy, TMS
Inchi:	InChI=1S/C22H30O4Si2/c1-24-18-15-21(25-27(2,3)4)19(22(16-18)26-28(5,6)7)13-14-20
InchiKey:	ZKLZWCOWYVFRIP-BUHFOSPRSA-N
Formula:	C22H30O4Si2
SMILES:	COc1cc(O[Si](C)(C)C)c(C=CC(=O)c2ccccc2)c(O[Si](C)(C)C)c1
Mol. weight [g/mol]:	414.64

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.32		Crippen Method
logp	6.019		Crippen Method
rinpola	2469.00		NIST Webbook
rinpola	2453.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R46285&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/16-630-4/Chalcone-2-6-dihydroxy-4-methoxy-bis-TMS.pdf>

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