

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

Other names:	Chalcone, 2',4',6'-trihydroxy-4-methoxy, tris-TMS
Inchi:	InChI=1S/C25H38O5Si3/c1-27-20-13-11-19(12-14-20)23(26)16-15-22-24(29-32(5,6)7)17
InchiKey:	CRPWBEUVVFHMKA-FOCLMDBBSA-N
Formula:	C25H38O5Si3
SMILES:	COc1ccc(C(=O)C=Cc2c(O[Si](C)(C)C)cc(O[Si](C)(C)C)cc2O[Si](C)(C)C)cc1
Mol. weight [g/mol]:	502.82

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.33		Crippen Method
logp	7.232		Crippen Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R46249&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

Latest version available from:

<https://www.chemeo.com/cid/91-529-4/Chalcone-2-4-6-trihydroxy-4-methoxy-TMS.pdf>

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