

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

Inchi:	InChI=1S/C23H32O5Si2/c1-25-18-11-9-17(10-12-18)21(24)14-13-20-22(27-29(3,4)5)15-
InchiKey:	HLOFJXVQKHKHJH-BUHFOSPRSA-N
Formula:	C23H32O5Si2
SMILES:	COc1ccc(C(=O)C=Cc2c(O[Si](C)(C)C)cc(OC)cc2O[Si](C)(C)C)cc1
Mol. weight [g/mol]:	444.67

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.44		Crippen Method
logp	6.027		Crippen Method
rinpol	2740.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R55711&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
rinpol:	Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/35-223-5/Chalcone-2-6-dihydroxy-4-4-dimethoxy-bis-TMS.pdf>

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