

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

Inchi: InChI=1S/C25H38O5Si3/c1-27-21-17-23(29-32(5,6)7)25(24(18-21)30-33(8,9)10)22(26)1
InchiKey: XXNGXPJEECHDIK-SSZFMOIBSA-N
Formula: C25H38O5Si3
SMILES: COc1cc(O[Si](C)(C)C)c(C(=O)C=Cc2ccc(O[Si](C)(C)C)cc2)c(O[Si](C)(C)C)c1
Mol. weight [g/mol]: 502.82

Physical Properties

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

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R46271&Units=SI>

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/91-528-5/Chalcone-2-4-6-trihydroxy-4-methoxy-TMS.pdf>

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