Dohydrochalcone, 2',6'-dihydroxy-4,4'-dimethoxy, TMS

Other names: Dihydrochalcone, 2',6'-dihydroxy-4,4'-dimethoxy, bis-TMS

Inchi: InChI=1S/C23H34O5Si2/c1-25-18-11-9-17(10-12-18)21(24)14-13-20-22(27-29(3,4)5)15-

InchiKey: JBMPOUVGHMJLIV-UHFFFAOYSA-N

Formula: C23H34O5Si2

SMILES: COc1ccc(C(=O)CCc2c(O[Si](C)(C)C)cc(OC)cc2O[Si](C)(C)C)cc1

Mol. weight [g/mol]: 446.68

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.42		Crippen Method
logp	5.947		Crippen Method
rinpol	2604.00		NIST Webbook
rinpol	2610.00		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R46342&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/97-330-8/Dohydrochalcone-2-6-dihydroxy-4-4-dimethoxy-TMS.pdf
Generated by Cheméo on 2025-12-18 15:25:08.412638794 +0000 UTC m=+5819705.942679449.
Cheméo (https://www.chemeo.com) is the biggest free database of chemical and physical data for the process industry.