Flavanone, 5,7-dihydroxy-4'-methoxy, bis-TMS

Other names: Flavanone, 5,7-dihydroxy-4'-methoxy, TMS
Inchi: InChI=1S/C22H30O5Si2/c1-24-16-10-8-15(9-11-16)19-14-18(23)22-20(25-19)12-17(26-2
InchiKey: FJDHAUUDTHQCBH-UHFFFAOYSA-N
Formula: C22H30O5Si2
SMILES: COc1ccc(C2CC(=O)c3c(cc(O[Si](C)(C)C)cc3O[Si](C)(C)C)O2)cc1
Mol. weight [g/mol]: 430.64

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.36		Crippen Method
logp	5.829		Crippen Method
rinpol	2765.00		NIST Webbook
rinpol	2752.00		NIST Webbook
rinpol	2765.00		NIST Webbook
rinpol	2752.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R46360&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
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

Cheméo (https://www.chemeo.com) is the biggest free database of chemical and physical data for the process industry.