Dihydrochalcone, 2',6',4-trihydroxy-4'-methoxy, tris-TMS

Other names: Dihydrochalcone, 2',4,6'-trihydroxy-4'-methoxy, TMS
Inchi: InChI=1S/C25H40O5Si3/c1-27-21-17-24(29-32(5,6)7)22(25(18-21)30-33(8,9)10)15-16-23
InchiKey: SBHSCBLSDVDDBS-UHFFFAOYSA-N
Formula: C25H40O5Si3
SMILES: COc1cc(O[Si](C)(C)C)c(CCC(=O)c2ccc(O[Si](C)(C)C)cc2)c(O[Si](C)(C)C)c1
Mol. weight [g/mol]: 504.84

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.31		Crippen Method
logp	7.152		Crippen Method
rinpol	2700.00		NIST Webbook
rinpol	2705.00		NIST Webbook
rinpol	2712.00		NIST Webbook
rinpol	2712.00		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=R46324&Units=SI

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.