Flavone, 3,5-dihydroxy-7-methoxy, bis-TMS

Inchi: InChI=1S/C22H28O5Si2/c1-24-16-13-17-19(18(14-16)26-28(2,3)4)20(23)22(27-29(5,6)7)
InchiKey: LHWFTUHVRPVRAR-UHFFFAOYSA-N
Formula: C22H28O5Si2
SMILES: COc1cc(O[Si](C)(C)C)c2c(=O)c(O[Si](C)(C)C)c(-c3ccccc3)oc2c1
Mol. weight [g/mol]: 428.63

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.17		Crippen Method
logp	5.896		Crippen Method
rinpol	2695.00		NIST Webbook
rinpol	2701.00		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=R55878&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices