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

Inchi: InChI=1S/C22H28O5Si2/c1-24-22-20(23)19-17(25-21(22)15-11-9-8-10-12-15)13-16(26-2
InchiKey: CBJNUHFMFBPGCP-UHFFFAOYSA-N
Formula: C22H28O5Si2
SMILES: COc1c(-c2ccccc2)oc2cc(O[Si](C)(C)C)cc(O[Si](C)(C)C)c2c1=O
Mol. weight [g/mol]: 428.63

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.17		Crippen Method
logp	5.896		Crippen Method
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=R55882&Units=SI

Legend

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