Flavanone, 5-hydroxy-7-methoxy, mono-TMS

Inchi: InChI=1S/C19H22O4Si/c1-21-14-10-17-19(18(11-14)23-24(2,3)4)15(20)12-16(22-17)13-
InchiKey: IAUKXYPWWCYZSC-UHFFFAOYSA-N
Formula: C19H22O4Si
SMILES: COc1cc2c(c(O[Si](C)(C)C)c1)C(=O)CC(c1ccccc1)O2
Mol. weight [g/mol]: 342.46

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.35		Crippen Method
logp	4.615		Crippen Method
rinpol	2462.00		NIST Webbook
rinpol	2462.00		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=R55864&Units=SI

Legend

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