Flavone, 5,7-dihydroxy, mono-TMS

Other names: Chrysin (5,7-dihydroxyflavone), monoTMS
Inchi: InChI=1S/C18H18O4Si/c1-23(2,3)22-13-9-14(19)18-15(20)11-16(21-17(18)10-13)12-7-5-
InchiKey: KNSJFFBZGDMNLU-UHFFFAOYSA-N
Formula: C18H18O4Si
SMILES: C[Si](C)(C)Oc1cc(O)c2c(=O)cc(-c3ccccc3)oc2c1
Mol. weight [g/mol]: 326.42

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.59		Crippen Method
logp	4.379		Crippen Method
rinpol	2644.00		NIST Webbook
rinpol	2589.00		NIST Webbook
rinpol	2616.00		NIST Webbook
rinpol	2644.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R55903&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

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.