Kaempferol, TMS

Other names: KAEMPFEROL 4TMS
Inchi: InChI=1S/C27H44O6Si4/c1-34(2,3)30-20-15-13-19(14-16-20)26-27(33-37(10,11)12)25(2
InchiKey: AGXLLZKIGNXIBX-UHFFFAOYSA-N
Formula: C27H44O6Si4
SMILES: C[Si](C)(C)Oc1ccc(C2Oc3cc(O[Si](C)(C)C)cc(O[Si](C)(C)C)c3C(=O)C2O[Si](C)(C)C)cc1
Mol. weight [g/mol]: 576.98

Physical Properties

Property code	Value	Unit	Source
log10ws	0.25		Crippen Method
logp	7.864		Crippen Method
rinpol	3101.40		NIST Webbook
rinpol	3065.00		NIST Webbook
rinpol	3101.40		NIST Webbook
rinpol	3065.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R835&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.