Daidzein, TMS

Other names: DAIDZEIN 2TMS
Inchi: InChI=1S/C21H26O4Si2/c1-26(2,3)24-16-9-7-15(8-10-16)19-14-23-20-13-17(25-27(4,5)6
InchiKey: OTTQJFPQFUCPEZ-UHFFFAOYSA-N
Formula: C21H26O4Si2
SMILES: C[Si](C)(C)Oc1ccc(-c2coc3cc(O[Si](C)(C)C)ccc3c2=O)cc1
Mol. weight [g/mol]: 398.60

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.05		Crippen Method
logp	5.887		Crippen Method
rinpol	2929.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R570&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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