

Quercetin, 3,7,3',4'-tetra-TMS

Inchi: InChI=1S/C27H42O7Si4/c1-35(2,3)31-19-16-20(28)24-23(17-19)30-26(27(25(24)29)34-3
InchiKey: VLVPTPLWQZRZCD-UHFFFAOYSA-N
Formula: C27H42O7Si4
SMILES: C[Si](C)(C)Oc1cc(O)c2c(=O)c(O[Si](C)(C)C)c(-c3ccc(O[Si](C)(C)C)c(O[Si](C)(C)C)c3)oc
Mol. weight [g/mol]: 590.96

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.61		Crippen Method
logp	8.020		Crippen Method
rinpol	3092.00		NIST Webbook
rinpol	3092.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R572442&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/124-035-5/Quercetin-3-7-3-4-tetra-TMS.pdf>

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