4H-1-Benzopyran-4-one, 2-[3,4-bis[(trimethylsilyl)oxy]phenyl]-3,5,7-tris[(tri

Other names: Flavone, 3,3',4',5,7-pentahydroxy, TMS
Quercetin, (5TMS)
Flavone, 3,3',4',5,7-pentakis(trimethylsiloxy)-
Quercetin, TMS
Quercetin, penta-TMS
Quercetin, 5tms derivative

Inchi: InChI=1S/C30H50O7Si5/c1-38(2,3)33-22-19-25-27(26(20-22)36-41(10,11)12)28(31)30(3

InchiKey: VISLTJDFZRIFEA-UHFFFAOYSA-N

Formula: C30H50O7Si5

SMILES: C[Si](C)(C)Oc1cc(O[Si](C)(C)C)c2c(=O)c(O[Si](C)(C)C)c(-c3ccc(O[Si](C)(C)C)c(O[Si](C)(

Mol. weight [g/mol]: 663.14

CAS: 4067-66-7

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.07		Crippen Method
logp	9.528		Crippen Method
rinpol	3219.70		NIST Webbook
rinpol	3174.60		NIST Webbook
rinpol	3171.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C4067667&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