

Kaempferol, 4TMS

Inchi:	InChI=1S/C27H42O6Si4/c1-34(2,3)30-20-15-13-19(14-16-20)26-27(33-37(10,11)12)25(2
InchiKey:	PUECBQJPIKHMBY-UHFFFAOYSA-N
Formula:	C27H42O6Si4
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]:	574.96
CAS:	4071-80-1

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.07		Crippen Method
logp	8.315		Crippen Method
rinpol	3065.90		NIST Webbook
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Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C4071801&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/114-773-7/Kaempferol-4TMS.pdf>

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