

Isorhamnetin (4TMS)

Inchi: InChI=1S/C28H44O7Si4/c1-30-22-16-19(14-15-21(22)33-37(5,6)7)27-28(35-39(11,12)13
InchiKey: CUJMJJEJCHKTDEP-UHFFFAOYSA-N
Formula: C28H44O7Si4
SMILES: COc1cc(-c2oc3cc(O[Si](C)(C)C)cc(O[Si](C)(C)C)c3c(=O)c2O[Si](C)(C)C)ccc1O[Si](C)(C)C
Mol. weight [g/mol]: 604.99

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.19		Crippen Method
logp	8.323		Crippen Method
rinpol	3185.10		NIST Webbook
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Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U414016&Units=SI>

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/72-803-0/Isorhamnetin-4TMS.pdf>

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