

LUTEOLIN 4TMS-1

Inchi: InChI=1S/C27H42O6Si4/c1-34(2,3)30-20-16-25-27(26(17-20)33-37(10,11)12)21(28)18-2
InchiKey: RBBOHYKAQZXRQH-UHFFFAOYSA-N
Formula: C27H42O6Si4
SMILES: C[Si](C)(C)Oc1cc(O[Si](C)(C)C)c2c(=O)cc(-c3ccc(O[Si](C)(C)C)c(O[Si](C)(C)C)c3)oc2c1
Mol. weight [g/mol]: 574.96

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.07		Crippen Method
logp	8.315		Crippen Method
rinpol	3062.00		NIST Webbook
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Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R439122&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

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.cheméo.com/cid/71-283-9/LUTEOLIN-4TMS-1.pdf>

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