Ferulic acid, 2,3-bis((trimethylsilyl)oxy)propyl ester

Inchi: InChI=1S/C19H32O6Si2/c1-22-18-12-15(8-10-17(18)20)9-11-19(21)23-13-16(25-27(5,6)

InchiKey: SBEUJUFCGFMLDY-PKNBQFBNSA-N

Formula: C19H32O6Si2

SMILES: COc1cc(C=CC(=O)OCC(CO[Si](C)(C)C)O[Si](C)(C)C)ccc1O

Mol. weight [g/mol]: 412.62

Physical Properties

Property code	Value	Unit	Source
log10ws	0.60		Crippen Method
logp	4.029		Crippen Method
rinpol	2564.50		NIST Webbook
rinpol	2564.50		NIST Webbook

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=U414642&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices

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