Cinnamic acid, 4-methoxy-3-(trimethylsiloxy)-, trimethylsilyl ester

Other names:
Trimethylsilyl 3-(4-methoxy-3-[(trimethylsilyl)oxy]phenyl)-2-propenoate

Cinnamic acid, 3-hydroxy-4-methoxy, (2TMS)-

Isoferulic acid, bis-TMS

(E)-Isoferulic acid, TMS

Cinnamic acid, 4-methoxy-3-(trimethylsilyl)oxy-, trimethylsilyl ester

Cinnamic acid, 3-hydroxy-4-methoxy, TMS

Isoferulic acid, 2tms derivative

Inchi: InChI=1S/C16H26O4Si2/c1-18-14-10-8-13(12-15(14)19-21(2,3)4)9-11-16(17)20-22(5,6)7

InchiKey: IEURTUWAIZAUOF-PKNBQFBNSA-N

Formula: C16H26O4Si2

SMILES: COc1ccc(C=CC(=O)O[Si](C)(C)C)cc1O[Si](C)(C)C

Mol. weight [g/mol]: 338.55

CAS: 32342-04-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.01		Crippen Method
logp	4.300		Crippen Method
rinpol	2063.00		NIST Webbook
rinpol	2063.00		NIST Webbook
rinpol	2079.30		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=C32342044&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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