Cinnamic acid, p-methoxy-, trimethylsilyl ester

Other names:	Trimethylsilyl 3-(4-methoxyphenyl)-2-propenoate
	4-Methoxycinnamic acid, TMS
	4-Methoxycinnamic acid, trimethylsilyl ester
	Cinnamic acid, 4-methoxy, TMS
	4-Methoxycinnamic acid, TMS ester
	p-Methoxycinnamic acid, trimethylsilyl derivative
	Trimethylsilyl (2E)-3-(4-methoxyphenyl)-2-propenoate
	4-Methoxycinnamic acid, tms derivative
Inchi:	InChI=1S/C13H18O3Si/c1-15-12-8-5-11(6-9-12)7-10-13(14)16-17(2,3)4/h5-10H,1-4H3/b1
InchiKey:	YQVAQSPGNGFHAH-JXMROGBWSA-N
Formula:	C13H18O3Si
SMILES:	COc1ccc(C=CC(=O)O[Si](C)(C)C)cc1
Mol. weight [g/mol]:	250.37
CAS:	25436-23-1

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.00		Crippen Method
logp	3.086		Crippen Method
rinpol	1825.00		NIST Webbook
rinpol	1806.00		NIST Webbook
rinpol	1841.30		NIST Webbook
rinpol	1825.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C25436231&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices