2-Propenoic acid, 2-[(trimethylsilyl)oxy]-3-[4-[(trimethylsilyl)oxy]phe trimethylsilyl ester

Other names: Cinnamic acid, «alpha»,p-bis(trimethylsiloxy)-, trimethylsilyl ester
Pyruvic acid, (p-trimethylsiloxy)phenyl-, trimethylsilyl ester
Trimethylsilyl 2-[(trimethylsilyl)oxy]-3-(4-[(trimethylsilyl)oxy]phenyl)-2-propenoate
4-Hydroxyphenylpyruvic acid, (3TMS)
Phenylpyruvic acid, 4-hydroxy, tris-TMS
Trimethylsilyl-2-[(trimethylsilyl)oxy]-3-(4-[(trimethylsilyl)oxy]phenyl)acrylate
Phenylpyruvic acid, 4-hydroxy, TMS
4-Hydroxyphenylpyruvic acid, enol, tri-TMS
4-Hydroxyphenylpyruvic acid, TMS
Trimethylsilyl-2-[(trimethylsilyl)oxy]-3-{4-[(trimethylsilyl)oxy]phenyl}acrylate

Inchi: InChI=1S/C18H32O4Si3/c1-23(2,3)20-16-12-10-15(11-13-16)14-17(21-24(4,5)6)18(19)22

InchiKey: GCMMRXIKMJUULM-VKAVYKQESA-N

Formula: C18H32O4Si3

SMILES: C[Si](C)(C)OC(=O)C(=Cc1ccc(O[Si](C)(C)C)cc1)O[Si](C)(C)C

Mol. weight [g/mol]: 396.70

CAS: 27750-74-9

Physical Properties

Property code	Value	Unit	Source
log10ws	1.22		Crippen Method
logp	5.471		Crippen Method
rinpol	2061.00		NIST Webbook
rinpol	2067.00		NIST Webbook
rinpol	2063.00		NIST Webbook
rinpol	2034.80		NIST Webbook
rinpol	2059.00		NIST Webbook
rinpol	2076.00		NIST Webbook
rinpol	2034.80		NIST Webbook
rinpol	2076.00		NIST Webbook
rinpol	2061.00		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=C27750749&Units=SI

Legend

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