

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-PKNCBQFBNSA-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

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U414642&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

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