

4-Methoxycinnamic acid, benzyldimethylsilyl ester

Inchi:	InChI=1S/C19H22O3Si/c1-21-18-12-9-16(10-13-18)11-14-19(20)22-23(2,3)15-17-7-5-4-6
InchiKey:	CDMQBFHIMJHEBE-SDNWHVSQSA-N
Formula:	C19H22O3Si
SMILES:	COc1ccc(C=CC(=O)O[Si](C)(C)Cc2ccccc2)cc1
Mol. weight [g/mol]:	326.46

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.70		Crippen Method
logp	4.239		Crippen Method
rinpol	2543.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U375484&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/96-386-8/4-Methoxycinnamic-acid-benzyldimethylsilyl-ester.pdf>

Generated by Cheméo on 2024-04-29 03:42:06.457903441 +0000 UTC m=+16651375.378480756.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.