tert-Butyldimethylsilyl camphor-10-sulfonate

Other names:	tert-Butyldimethylsilyl (7,7-dimethyl-2-oxo-norbornan-1-yl)methanesulfonate tert-Butyldimethylsilyl (1R)-(7,7-Dimethyl-2-oxobicyclo(2.2.1)hept-1-yl)methanesulphonate tert-Butyldimethylsilyl (7,7-Dimethyl-2-oxobicyclo[2.2.1]hept-1-yl)methanesulfonate
Inchi:	InChI=1S/C16H30O4SSi/c1-14(2,3)22(6,7)20-21(18,19)11-16-9-8-12(10-13(16)17)15(16
InchiKey:	VYFPZMMQNPQKJM-UHFFFAOYSA-N
Formula:	C16H30O4SSi
SMILES:	CC1(C)C2CCC1(CS(=O)(=O)O[Si](C)(C)C(C)(C)C)C(=O)C2
Mol. weight [g/mol]:	346.56

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.83		Crippen Method
logp	3.733		Crippen Method
rinpol	2205.00		NIST Webbook
rinpol	2205.00		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=U373351&Units=SI

Legend

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

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