

Methanesulfinic acid, trimethylsilyl ester

Other names:	Trimethylsilyl methanesulfinate
Inchi:	InChI=1S/C4H12O2SSi/c1-7(5)6-8(2,3)4/h1-4H3
InchiKey:	KEDKLJYQJMFUGN-UHFFFAOYSA-N
Formula:	C4H12O2SSi
SMILES:	CS(=O)O[Si](C)(C)C
Mol. weight [g/mol]:	152.29
CAS:	54193-90-7

Physical Properties

Property code	Value	Unit	Source
log10ws	1.74		Crippen Method
logp	1.131		Crippen Method
rinpola	901.70		NIST Webbook
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Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C54193907&Units=SI

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/88-031-0/Methanesulfinic-acid-trimethylsilyl-ester.pdf>

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