

Silanol, trimethyl-, formate

Other names:	Trimethylsilyl formate Formic acid, trimethylsilyl ester Formic acid, tms derivative
Inchi:	InChI=1S/C4H10O2Si/c1-7(2,3)6-4-5/h4H,1-3H3
InchiKey:	KBPSATXXRVXAAJ-UHFFFAOYSA-N
Formula:	C4H10O2Si
SMILES:	C[Si](C)(C)OC=O
Mol. weight [g/mol]:	118.21
CAS:	18243-21-5

Physical Properties

Property code	Value	Unit	Source
log10ws	1.59		Crippen Method
logp	0.994		Crippen Method
rinpol	612.00		NIST Webbook
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Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C18243215&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/88-012-1/Silanol-trimethyl-formate.pdf>

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