

Silanol, trimethyl-, propanoate

Other names:	Silanol, trimethyl-, propionate Trimethylpropionoxysilane Trimethylsilyl propionate Propanoic acid, trimethylsilyl ester Propionic acid, trimethylsilyl ester Propanoic acid, tms derivative
Inchi:	InChI=1S/C6H14O2Si/c1-5-6(7)8-9(2,3)4/h5H2,1-4H3
InchiKey:	QVSRWXFOZLIWJS-UHFFFAOYSA-N
Formula:	C6H14O2Si
SMILES:	CCC(=O)O[Si](C)(C)C
Mol. weight [g/mol]:	146.26
CAS:	16844-98-7

Physical Properties

Property code	Value	Unit	Source
log10ws	0.75		Crippen Method
logp	1.774		Crippen Method
rinpol	796.20		NIST Webbook
rinpol	800.00		NIST Webbook
rinpol	796.20		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C16844987&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

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/28-052-3/Silanol-trimethyl-propanoate.pdf>

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