

Acetophenone, 4'-(trimethylsiloxy)-

Other names:	Trimethylsilyl ether of p-hydroxyacetophenone 1-(4-[(Trimethylsilyl)oxy]phenyl)ethanone Acetophenone, 4'-trimethylsilyloxy 4'-Hydroxyacetophenone, tms derivative
Inchi:	InChI=1S/C11H16O2Si/c1-9(12)10-5-7-11(8-6-10)13-14(2,3)4/h5-8H,1-4H3
InchiKey:	HVSXQEUGLVLBLR-UHFFFAOYSA-N
Formula:	C11H16O2Si
SMILES:	CC(=O)c1ccc(O[Si](C)(C)C)cc1
Mol. weight [g/mol]:	208.33
CAS:	18803-29-7

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.14		Crippen Method
logp	3.103		Crippen Method

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C18803297&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

Latest version available from:

<https://www.cheméo.com/cid/86-384-1/Acetophenone-4-trimethylsiloxy.pdf>

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