

5-Methoxy-2-trimethylsilyloxy-acetophenone

Other names:	2'-Hydroxy-5'-methoxyacetophenone, trimethylsilyl ether 1-(5-Methoxy-2-[(trimethylsilyl)oxy]phenyl)ethanone 2'-Hydroxy-5'-methoxyacetophenone, tms derivative
Inchi:	InChI=1S/C12H18O3Si/c1-9(13)11-8-10(14-2)6-7-12(11)15-16(3,4)5/h6-8H,1-5H3
InchiKey:	RRJSUXCETPFDSN-UHFFFAOYSA-N
Formula:	C12H18O3Si
SMILES:	COc1ccc(O[Si](C)(C)C)c(C(C)=O)c1
Mol. weight [g/mol]:	238.35
CAS:	97389-71-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.26		Crippen Method
logp	3.111		Crippen Method
rinpol	1599.40		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C97389714&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

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<https://www.chemeo.com/cid/94-208-7/5-Methoxy-2-trimethylsilyloxy-acetophenone.pdf>

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