

Benzaldehyde, 3,5-dimethoxy-4-[(trimethylsilyl)oxy]-

Other names:	Syringaldehyde, TMS Syringic aldehyde, TMS Syringaldehyde, tms derivative
Inchi:	InChI=1S/C12H18O4Si/c1-14-10-6-9(8-13)7-11(15-2)12(10)16-17(3,4)5/h6-8H,1-5H3
InchiKey:	RYSJAJQSTIILRKM-UHFFFAOYSA-N
Formula:	C12H18O4Si
SMILES:	COc1cc(C=O)cc(OC)c1O[Si](C)(C)C
Mol. weight [g/mol]:	254.35
CAS:	6651-62-3

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.96		Crippen Method
logp	2.730		Crippen Method

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C6651623&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

Latest version available from:

<https://www.chemeo.com/cid/27-452-0/Benzaldehyde-3-5-dimethoxy-4-trimethylsilyl-oxy.pdf>

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