Benzaldehyde, 4-[(trimethylsilyl)oxy]-

Other names:	Benzaldehyde, p-(trimethylsiloxy)-
	4-Trimethylsiloxybenzaldehyde
	4-Trimethylsilyloxybenzaldehyde
	Benzaldehyde, 4-hydroxy, TMS
	p-[(trimethylsilyl)oxy]benzaldehyde
	4-Hydroxybenzaldehyde, tms derivative
Inchi:	InChI=1S/C10H14O2Si/c1-13(2,3)12-10-6-4-9(8-11)5-7-10/h4-8H,1-3H3
InchiKey:	FLVQNLXVIRUAPB-UHFFFAOYSA-N
Formula:	C10H14O2Si
SMILES:	C[Si](C)(C)Oc1ccc(C=O)cc1
Mol. weight [g/mol]:	194.30
CAS:	1012-12-0

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.72		Crippen Method
logp	2.713		Crippen Method
rinpol	1382.50		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C1012120&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices