3-ethoxy-4-(trimethylsyliloxy)benzaldehyde

Other names:	3-Ethoxy-4-hydroxybenzaldehyde, trimethylsilyl- Ethylvanillin, TMS Ethylvanillin, tms derivative
Inchi:	InChI=1S/C12H18O3Si/c1-5-14-12-8-10(9-13)6-7-11(12)15-16(2,3)4/h6-9H,5H2,1-4H3
InchiKey:	OSIHZOMMTQWNLE-UHFFFAOYSA-N
Formula:	C12H18O3Si
SMILES:	CCOc1cc(C=O)ccc1O[Si](C)(C)C
Mol. weight [g/mol]:	238.35

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.26		Crippen Method
logp	3.111		Crippen Method
rinpol	1564.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U250059&Units=SI

Legend

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