

Silane, (4-ethylphenoxy)trimethyl-

Other names:	4-Ethylphenol, TMS
Inchi:	InChI=1S/C11H18OSi/c1-5-10-6-8-11(9-7-10)12-13(2,3)4/h6-9H,5H2,1-4H3
InchiKey:	KIEPAPDECCHXNJ-UHFFFAOYSA-N
Formula:	C11H18OSi
SMILES:	CCc1ccc(O[Si](C)(C)C)cc1
Mol. weight [g/mol]:	194.35
CAS:	17993-90-7

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.28		Crippen Method
logp	3.463		Crippen Method
rinpol	1225.00		NIST Webbook
rinpol	1236.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C17993907&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws

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.cheméo.com/cid/78-905-1/Silane-4-ethylphenoxy-trimethyl.pdf>

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