

Silane, [2-methoxy-4-(1-propenyl)phenoxy]trimethyl-

Other names:

Silane, (2-methoxy-4-propenylphenoxy)trimethyl-

Trimethylsilyl derivative of 2-methoxy-4-propenylphenol

Isoeugenol, TMS

(2-Methoxy-4-propenylphenoxy)trimethylsilane

Isoeugenol, tms derivative

Inchi:

InChI=1S/C13H20O2Si/c1-6-7-11-8-9-12(13(10-11)14-2)15-16(3,4)5/h6-10H,1-5H3/b7-6

InchiKey:

FXUZMKVABCZGAX-VOTSOKGWSA-N

Formula:

C13H20O2Si

SMILES:

CC=Cc1ccc(O[Si](C)(C)C)c(OC)c1

Mol. weight [g/mol]:

236.38

CAS:

6689-41-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.84		Crippen Method
logp	3.942		Crippen Method
rinpol	1482.00		NIST Webbook
rinpol	1482.00		NIST Webbook

Sources

Crippen Method:

<http://pubs.acs.org/doi/abs/10.1021/ci9903071>

Crippen Method:

https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook:

<http://webbook.nist.gov/cgi/cbook.cgi?ID=C6689414&Units=SI>

Legend

log10ws:

Log10 of Water solubility in mol/l

logp:

Octanol/Water partition coefficient

rinpol:

Non-polar retention indices

Latest version available from:

<https://www.cheméo.com/cid/121-279-8/Silane-2-methoxy-4-1-propenyl-phenoxy-trimethyl.pdf>

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